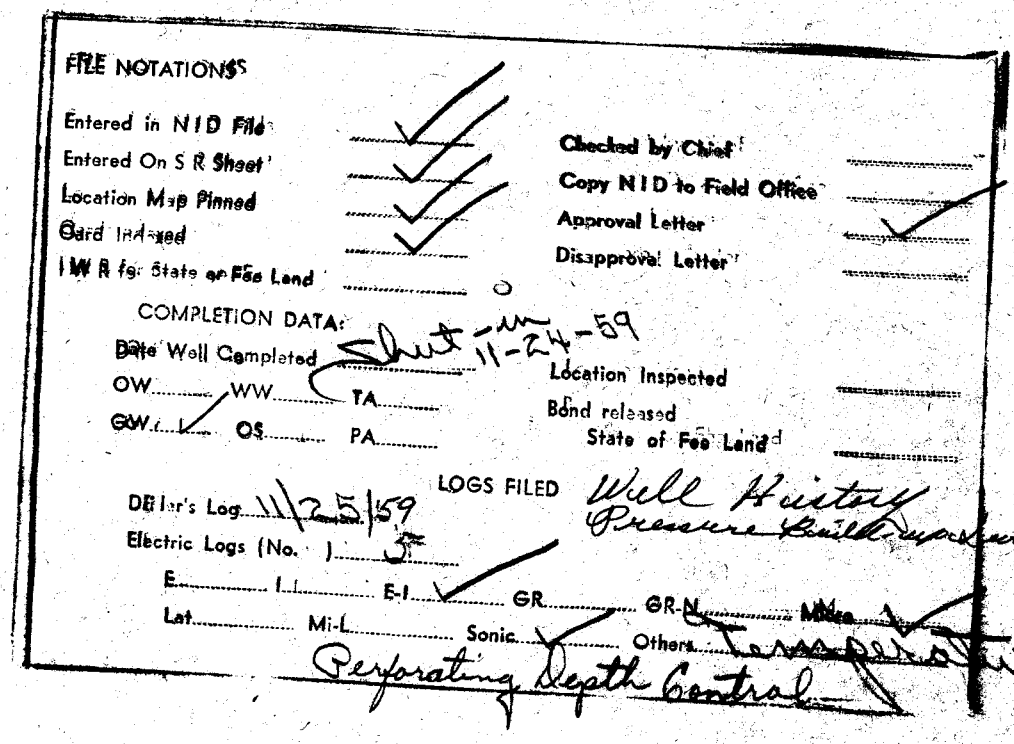
Scout Report sent out	☑	
Noted in the NID File	☑	
Location map pinned	☑	
Approval or Disapproval Letter	☐	In unit
Date Completed, P. & A, or operations suspended	11-24-59	Shut In
Pin changed on location map	☐	
Affidavit and Record of A & P	☐	
Water Shut-Off Test	☐	
Gas-Oil Ratio Test	☐	
Well Log Filed	☑	

1-11-62, As of Nov. 1961, This well was connected to gas line.



FILE NOTATIONS

Entered in NID File ✓
Entered On S R Sheet ✓
Location Map Pinned ✓
Card Indexed ✓
IWR for State or Fee Land

Checked by Chief
Copy NID to Field Office
Approval Letter ✓
Disapproval Letter

COMPLETION DATA:
Date Well Completed Shut-in 11-24-59
Location Inspected
OW WW TA
GW ✓ OS PA
Bond released
State of Fee Land

LOGS FILED
Driller's Log 11/25/59
Electric Logs (No.) 5
E I E-I ✓ GR GR-N Micro ✓
Lat Mi-L Sonic ✓ Others Temperature Survey

Well History
Pressure Build-up survey
Perforating Depth Control

Re-Check

FILE NOTATIONS

Entered in NID File .....
Location Map Pinned .....
Card Indexed ...✓...

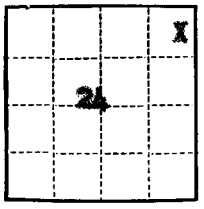
Checked by Chief .....
Approval Letter IN UNIT 5-17-68
Disapproval Letter .....

COMPLETION DATA:
Date Well Completed 12-4-68
Location Inspected .....
OW..... WW..... TA.....
GW.✓... OS..... PA.....
Bond released
State or Fee Land .....

LOGS FILED
Driller's Log 12-13-68
Electric Logs (No.) ...1.....
E..... I..... Dual I Lat..... GR-N.✓..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

6-24-92
CHD

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-0579
Unit DEKALB- SUN # 6
UTE TRAIL UNIT

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 1, 19 59

Well No. 6 is located 660 ft. from {N} line and 660 ft. from {E} line of sec. 24

NW/4 NW/4 Sec. 24, T-9-S, R-20-E S. L. M.
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is ____ ft. 4750' Estimated

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spud in Uintah Formation, Green River 1250', Wasatch 5100'. Drill to total depth of 6500'. Surface Casing- Set 250' of 13-3/8", 48#, J-55 Casing cemented with 200 sacks. Production Casing: Set 6500' of 5-1/2", 17# & 15.5#, N-80 and J-55 Casing, cemented with 200 sacks. Will drill with water to 3000' then convert to Aquagel and Chemicals. Will core and test as conditions warrant.
Will Perforate and Frac as conditions warrant.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address Box 523

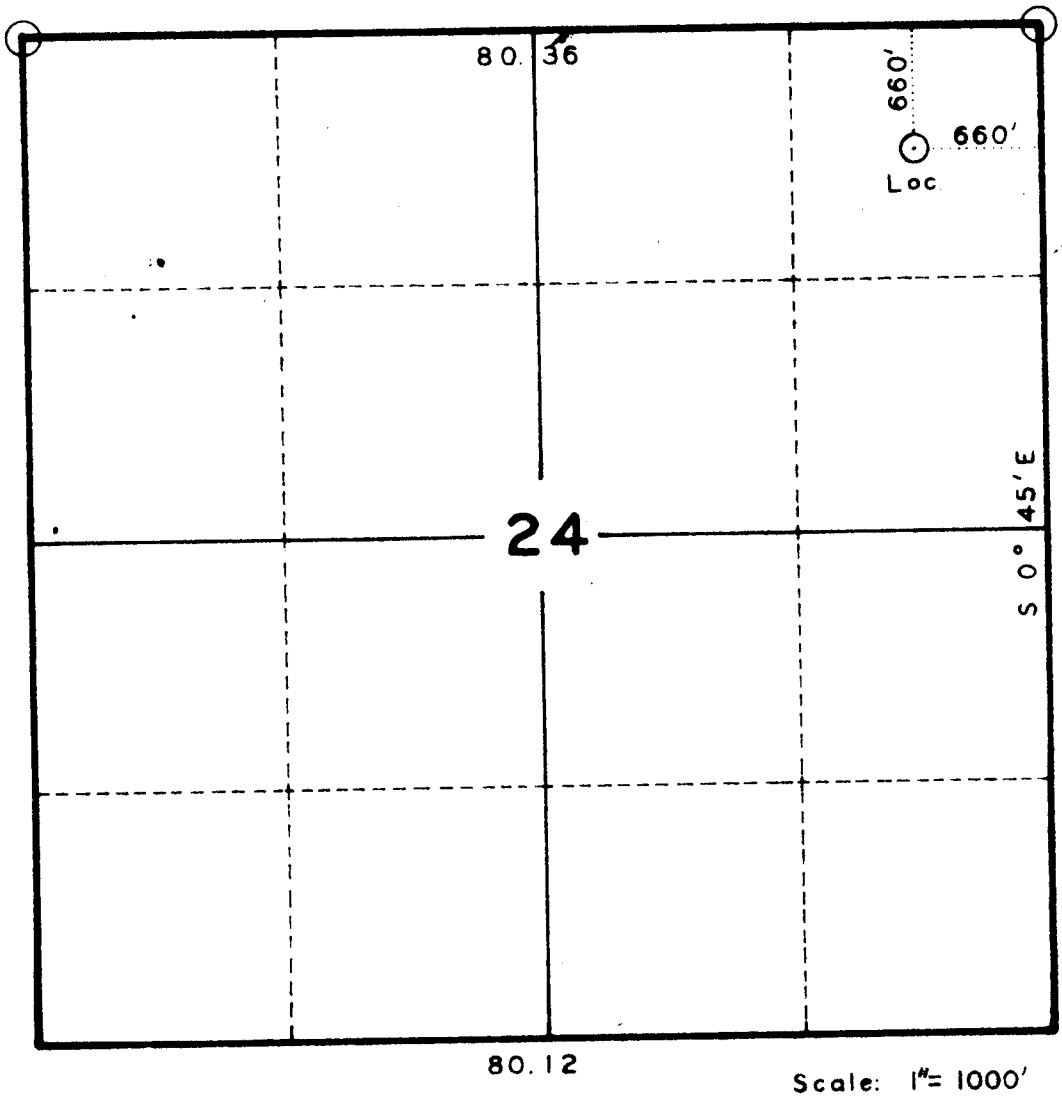
Vernal, Utah

By Paul Pugh

Title Vice-President

GPO 862040

T 9 S, R 20E



Scale: 1"= 1000'

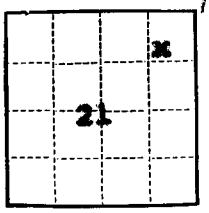
○ - Corners located (Notched stone)

By: ROSS CONSTRUCTION CO.
Vernal, Utah

PARTY R. D. Ross D. A. Freemyer WEATHER Hot - Windy	SURVEY DEKALB AGRICULTURAL ASSOCIATION, INC. SUN OIL CO., UTE TRAIL UNIT, WELL NO. 6 LOCATED CENTER NE/4, NE/4, SEC. 24, T 9 S, R 20 E, SLB&M, UINTAH COUNTY, UTAH.	DATE 8/31/59 REFERENCES G L O Survey Plat Approved Aug. 1883 FILE Dekalb

FORM 5202

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-0579
Unit DeKalb-Sun # 6
Ute Trail Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 16, 1959

Well No. 6 is located 660 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 24

NE/4 NE/4 Sec. 24 (¼ Sec. and Sec. No.) T-9-S (Twp.), R-20-E (Range), S.L.M. (Meridian)

Wildcat (Field), Uintah (County or Subdivision), Utah (State or Territory)

The elevation of the derrick floor above sea level is 4758 ft. G.L.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded September 11, 1959 at 10:00 A.M.

Drilled at 12-3/4" hole to 302'. Ran 9 Jts. of 10-3/4", 32#, J-55 Casing. Set at 301' K.B. Cemented with 275 sacks regular cement plus 27 Calcium Chloride Cement circulated to surface. Plug down at 4:30 A.M. Sept. 13, 1959 W.O.C. 36 hours. Tested casing to 1,000# psi no indication of loss in pressure after 30 minutes resumed drilling at 6:00 P.M. Sept. 14, 1959.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSOCIATION, INC.

Address P. O. Box 523

Vernal, Utah

By J. R. Ramey

Title Field Superintendent

GPO 862040

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER
UNIT Ute Trail Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1959,

Agent's address Box 523 *Company* DeKalb Agricultural Assn., Inc.

Vernal, Utah *Signed*

Phone 1073 *Agent's title* Production Supt.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NENE 8	10S	22E	1	-0-	-0-	-0-	-0-	-0-	-0-	Shut In.
NENE 17	10S	22E	2	-0-	-0-	-0-	-0-	-0-	-0-	Abandonec
NENE 16	10S	22E	3	-0-	-0-	-0-	-0-	-0-	-0-	Shut In.
NENE 27	9S	20E	4	-0-	-0-	-0-	-0-	-0-	-0-	Shut In.
NENE 23	9S	20E	5	-0-	-0-	-0-	-0-	-0-	-0-	Perforated and Fraced Testing after frac, Xmas Tree installed Will Shut Well In.
NENE 24	9S	20E	6	-0-	-0-	-0-	-0-	-0-	-0-	Drilling at 5546' Shale
NWNW 22	10S	22E	8	-0-	-0-	-0-	-0-	-0-	-0-	Drilling at 1296' Shale

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

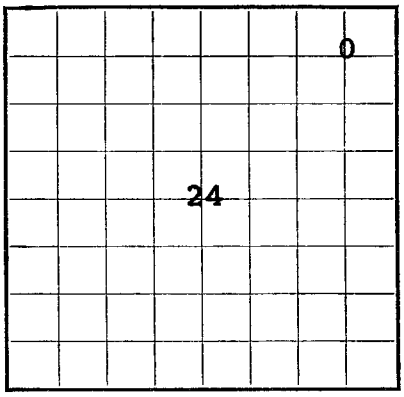
Form 9-329
(January 1950)

16—88766-8 U. S. GOVERNMENT PRINTING OFFICE

Form 9-330

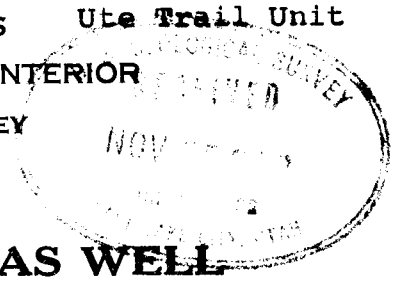
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Salt Lake City
SERIAL NUMBER U-0579
LEASE OR PERMIT TO PROSPECT DeKalb-Sun # 6
Ute Trail Unit



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company DeKalb Agricultural Assn., Inc. Address Box 523, Vernal, Utah

Lessor or Tract Ute Trail Unit Field Wildcat State Utah

Well No. 6 Sec. 24 T. 9S R. 20E Meridian S.L.M. County Uintah

Location 660 ft. {N./S.} of N Line and 660 ft. {E./W.} of E Line of Section 24 Elevation 4768.30' DF
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed M. C. Johnson

Date November 24, 1959 Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling September 11, 19 59 Finished drilling October 9, 19 59

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 6236 to 6274' No. 4, from ____ to ____

No. 2, from 6465 to 6491' No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from 3450 to 3550' No. 3, from ____ to ____

No. 2, from 3700 to 3715' No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10-3/4"	32#	8-rnd	J-55	286	None				Surface
							Abrasijet		
7"	23#	8-rnd	N-80& J-55	6525	Howed Guide & Float		6248 6474	6268 6479	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	301	275 sxs 2% Ca Cl	Pump & Plug	Water	
7"	6505	350 sxs	Pump & Plug	9.9# Gal.	Hole Full.

MARK

FOLD

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Irregular	Dowell	Abrasijet	3 hole/5ft.	11-10-59	6248-6268	6504'

TOOLS USED

Rotary tools were used from 0 feet to 6505 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

November 24, 1959 Put to producing Shut In Nov. 24, 1959

The production for the first 24 hours was ..... barrels of fluid of which .....% was oil; .....% emulsion; .....% water; and .....% sediment. Gravity, °Bé. .....

If gas well, cu. ft. per 24 hours 3 MMCFGPD Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. 3500 PSI

EMPLOYEES

Theo Pollock, Pusher, Driller Earnest Pearson, Driller

George Piper, Driller Bert Greenhow, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	
0	1659'	1659'	Uintah	Log Tops
1659	5050'	3391'	Green River	1659'
5050	6505'	1505'	Wasatch	5050'
			T. D.	6505'

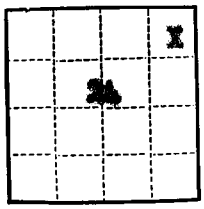
[OVER]

16—43094-4

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-0979
Unit DeKalb - Sun # 6
Ute Trail Unit



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 13, 19 59

Well No. 6 is located 660 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 24

NE/4 NE/4 Sec. 24 — (¼ Sec. and Sec. No.)
T-9-S, R-20-E — (Twp.) (Range)
S. L. M. — (Meridian)
Wildcat — (Field)
Uintah — (County or Subdivision)
Utah — (State or Territory)

The elevation of the derrick floor above sea level is 4958 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total Depth 6505'. Ran Electric Logs.
Ran 203 Jts. of 7", 23#, N-80 and J-55 Casing. Measured 6525.82', set at 6505' K. B.
Cemented with 350 sacks regular cement. Plug Down at 8:15 P. M. October 9, 1959.

Ran Temperature Survey found top of cement at 4520'. Will perforate and frac zones to be determined at a later date.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address BOX 583
VERNAL, UTAH

By J. R. Ray

Title Production Supt.

GPO 862040

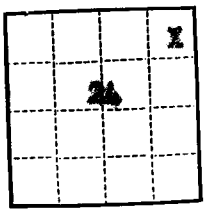
Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Form 9-331a
(Feb. 1951)

Land Office Salt Lake City

Lease No. U-0579

Unit DeKalb - Sun # 6
Ute Trail Unit



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 13, 1959

Well No. 6 is located 660 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 24

NW/4 NW/4 Sec. 24 (¼ Sec. and Sec. No.)
T-9-S, R-20-E (Twp.) (Range)
S. L. M. (Meridian)
Wildcat (Field)
Uintah (County or Subdivision)
Utah (State or Territory)

The elevation of the derrick floor above sea level is 4958 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total Depth 6505'. Ran Electric Logs.
Ran 203 Jts. of 7", 23#, N-80 and J-55 Casing. Measured 6525.82', set at 6505' K. B.
Cemented with 350 sacks regular cement. Plug down at 8:15 P. M. October 9, 1959.

Ran Temperature Survey found top of cement at 4520'. Will perforate and frac zones to be determined at a later date.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address BOX 583
VERNAL, UTAH

By J. A. Kay

Title Production Supt.

GPO 862040

Pulled gage at 11:40 AM and rerun with 180 hour clock. On bottom at 12:40 PM, 6/18/62.

Time & Date	Hours Shut in	Extension inches	Pressure @ 6450' KB psig
	2	.529	919
	3	.542	945
	4	.556	966
	5	.566	983
	6	.576	1001
	7	.583	1017
	8	.590	1025
	9	.596	1036
	10	.6005	1044
	12	.610	1060
	14	.618	1074
	16	.6255	1088
	18	.6335	1102
	20	.6395	1112
	22	.645	1122
	24	.651	1132
	28	.661	1150
	32	.6704	1166
	36	.679	1181
	40	.686	1193
	44	.694	1207
	48	.7005	1218
	52	.706	1229
	56	.7125	1239
	60	.718	1249
	64	.724	1259
	68	.730 -	1269
	72	.735	1278
	78	.7425	1292
	84	.7495	1305
	90	.757	1317
	96	.764	1329
	102	.770	1340
	108	.7765	1350
	114	.782	1360
	120	.7875	1370
	126	.7935	1380
	132	.799	1389
	138	.804	1398
	144	.8085	1407
	150	.814	1416
	156	.819	1424
	162	.8235	1432
	169	.828	1440

Gage pulled @ 12:40 PM, 6/25/62.

Bottom hole temperature - 160° F.

BUILD UP

UTE TRAIL # 6

6-9-62 Ran two hour flowing test with Northern Petroleum Engineering Co. Amerada Bomb, with 1st hour shut in. Shown below is the dead weight surface pressures.

ISITP 2537 psig 8-17-61 ISIBHP 2958 psig @ 6100'
ISICP 2544 psig 8-17-61
First Production November 7, 1961
Accumulative Gas Production through June 19, 1962 46,504 MCF

SEVEN DAY BUILD UP

DATE	TIME	SIPT psig	SIPC psig	REMARKS
6-19-62	10:40 A.M.			S.I. Well & Run 3 Hr. Clock
	12:00 P.M.			Out of hole w/bomb @HT 168°
	1:00 P.M.	617	819	
	3:00 P.M.	658	859	
6-20-62	3:00 P.M.	818	1007	
6-21-62	3:00 P.M.	895	1074	
6-22-62	3:00 P.M.	953	1123	
6-23-62	3:00 P.M.	1002	1164	
6-24-62	2:25 P.M.	1046	1198	
6-25-62	3:00 P.M.	1085	1230	
6-26-62	10:30 A.M.	1115	1254	Pull bomb end 7 day Shut In

See Northern Petroleum Engineering Company's report for Bottom Hole Pressure.

DeKALB AGRICULTURAL ASSOCIATION, INC.

Ute Trail #6, Uintah County, Utah

PRESSURE BUILDUP SURVEY
6/18/62 to 6/25/62

A flowing pressure gradient was run with Amerada RPG 3 pressure gage #17883N (0 to 3500 psi) and a 3 hour clock at 10:24 AM, 6/18/62. The following stops were made:

KB DEPTH	EXTENSION inches	PRESSURE psig	GRADIENT psi/ft
0	.306	530	
1000	.324	561	.031
2000	.358	621	.060
3000	.389	657	.056
4000	.419	727	.070
5000	.446	774	.047
5500	.458	795	.042
6000	.469	814	.038
6250	.474	823	.060
6450	.478	830	.035

The above gradient shows no fluid in the hole. The gage was on bottom at 10:24 AM, 6/18/62.

Time & Date	Hours Flowing	Extension inches	Pressure @ 6450' KB psig
10:24 AM, 6/18/62	Flowing	.478	830
10:30 AM	"	.478	830
10:35 AM	"	.479	831
10:40 AM	"	.480	833

Well shut in at 10:40 AM, 6/18/62.

Time & Date	Hours Shut In	Extension inches	Pressure @ 6450' KB psig
	0	.480	833
	1/4	.490	851
	1/2	.498	865
	3/4	.505	878
	1	.512	889

BUILD UP

UTE TRAIL # 6

6-9-62 Ran two hour flowing test with Northern Petroleum Engineering Co. Amerada Bomb, with 1st hour shut in. Shown below is the dead weight surface pressures.

ISITP 2537 psig 8-17-61 ISIBHP 2958 psig @ 6100'
ISICP 2544 psig 8-17-61
First Production November 7, 1961
Accumulative Gas Production through June 19, 1962 46,504 MCF

SEVEN DAY BUILD UP

DATE	TIME	SIPT psig	SIPC psig	REMARKS
6-19-62	10:40 A.M.			S.I. Well & Run 3 Hr. Clock
	12:00 P.M.			Out of hole w/bomb @HT 168°
	1:00 P.M.	617	819	
	3:00 P.M.	658	859	
6-20-62	3:00 P.M.	818	1007	
6-21-62	3:00 P.M.	895	1074	
6-22-62	3:00 P.M.	953	1123	
6-23-62	3:00 P.M.	1002	1164	
6-24-62	2:25 P.M.	1046	1198	
6-25-62	3:00 P.M.	1085	1230	
6-26-62	10:30 A.M.	1115	1254	Pull bomb end 7 day Shut In

See Northern Petroleum Engineering Company's report for Bottom Hole Pressure.

DeKALB AGRICULTURAL ASSOCIATION, INC.

Ute Trail #6, Uintah County, Utah

PRESSURE BUILDUP SURVEY
6/18/62 to 6/25/62

A flowing pressure gradient was run with Amerada RPG 3 pressure gage #17883N (0 to 3500 psi) and a 3 hour clock at 10:24 AM, 6/18/62. The following stops were made:

KB DEPTH	EXTENSION inches	PRESSURE psig	GRADIENT psi/ft
0	.306	530	
		.....	.031
1000	.324	561	
		.....	.060
2000	.358	621	
		.....	.036
3000	.389	657	
		.....	.070
4000	.419	727	
		.....	.047
5000	.446	774	
		.....	.042
5500	.458	795	
		.....	.038
6000	.469	814	
		.....	.040
6250	.474	823	
		.....	.035
6450	.478	830	

The above gradient shows no fluid in the hole. The gage was on bottom at 10:24 AM, 6/18/62.

Time & Date	Hours Flowing	Extension inches	Pressure @ 6450' KB psig
10:24 AM, 6/18/62	flowing	.478	830
10:30 AM	"	.478	830
10:35 AM	"	.479	831
10:40 AM	"	.480	833

Well shut in at 10:40 AM, 6/18/62.

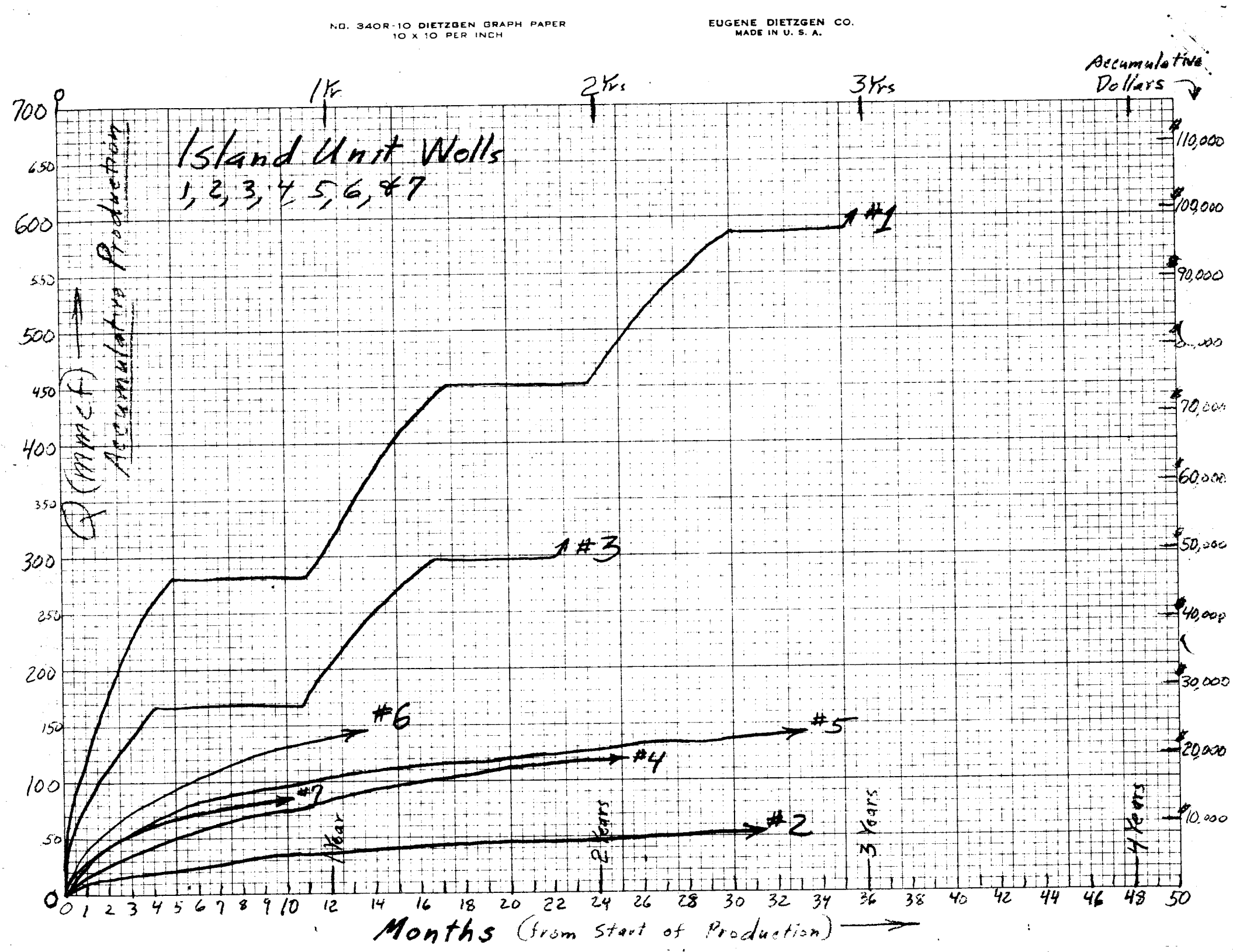
Time & Date	Hours Shut in	Extension inches	Pressure @ 6450' KB psig
	0	.480	833
	1/4	.490	851
	1/2	.498	865
	3/4	.505	878
	1	.512	889

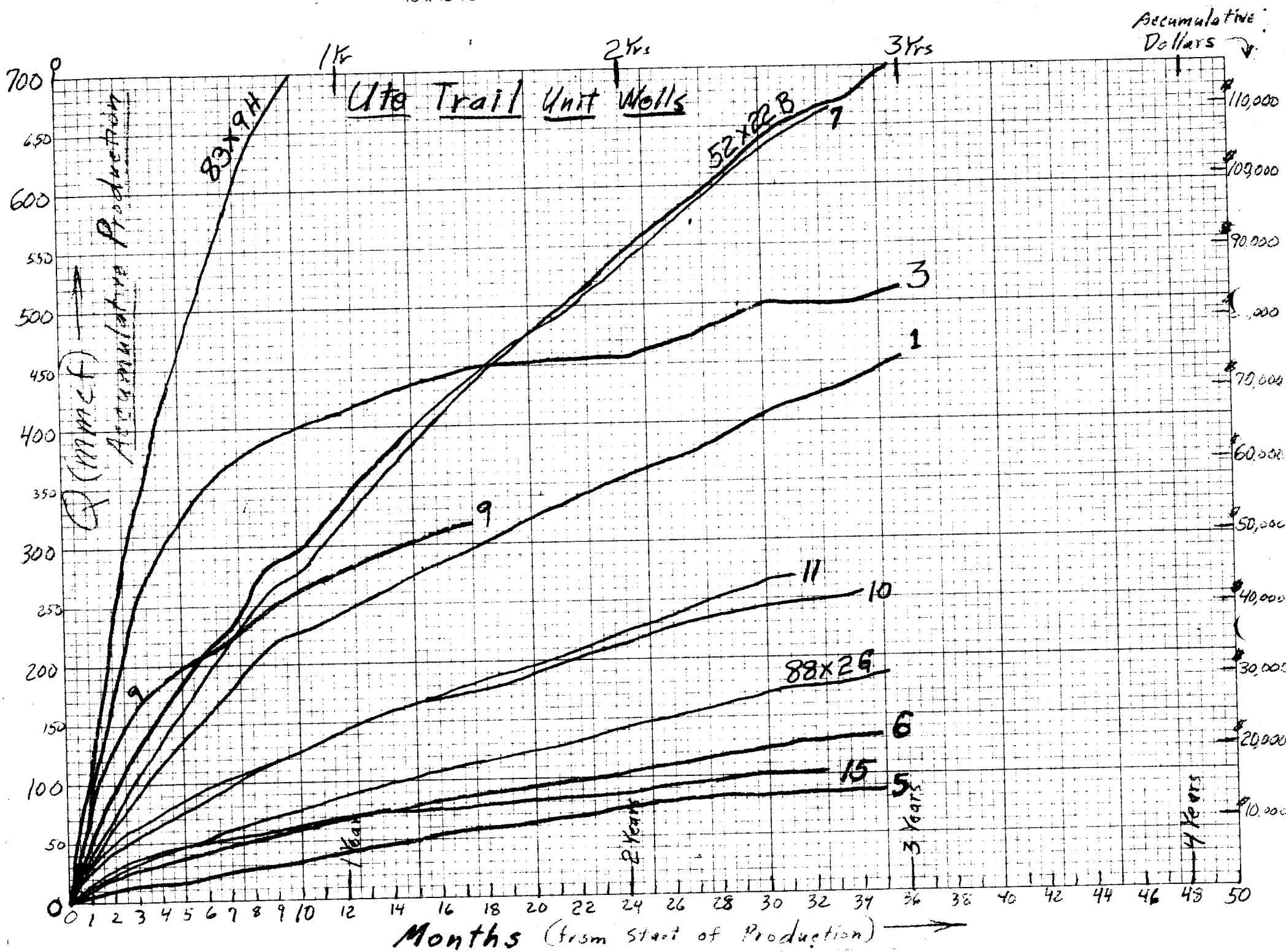
DeKALB AGRICULTURAL ASSOCIATION, INC. Ute Trail #6

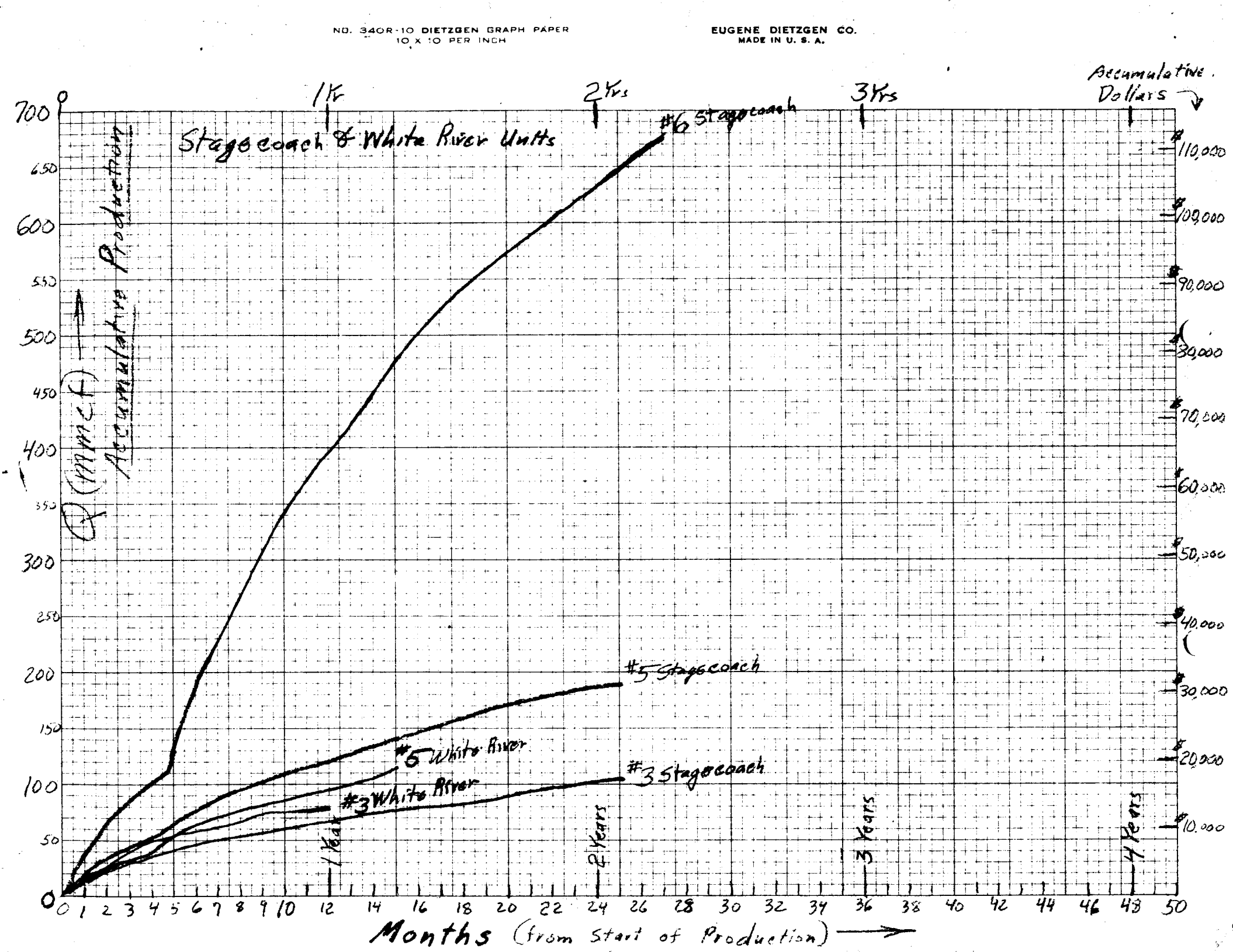
Pulled gage at 11:40 AM and rerun with 180 hour clock. On bottom at 12:40 PM, 6/18/62.

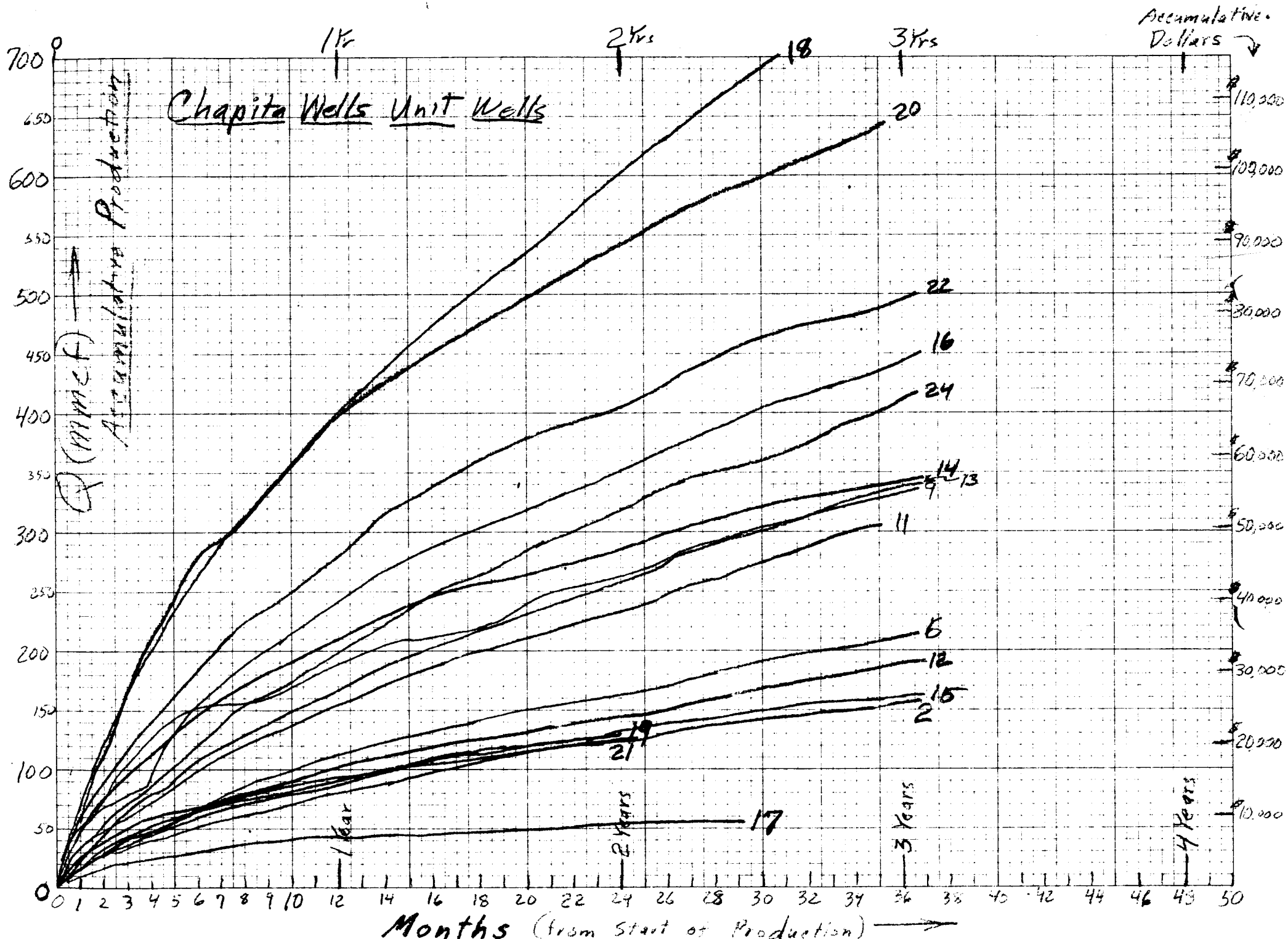
Time & Date	Hours Shut in	Extension inches	Pressure @ 6450' KB psig
	2	.529	919
	3	.542	945
	4	.556	966
	5	.566	983
	6	.576	1001
	7	.583	1017
	8	.590	1025
	9	.596	1036
	10	.6005	1044
	12	.610	1060
	14	.618	1074
	16	.6255	1088
	18	.6335	1102
	20	.6395	1112
	22	.645	1122
	24	.651	1132
	28	.661	1150
	32	.6704	1166
	36	.679	1181
	40	.686	1193
	44	.694	1207
	48	.7005	1218
	52	.706	1229
	56	.7125	1239
	60	.718	1249
	64	.724	1259
	68	.730 -	1269
	72	.735	1278
	78	.7425	1292
	84	.7495	1305
	90	.757	1317
	96	.764	1329
	102	.770	1340
	108	.7765	1350
	114	.782	1360
	120	.7875	1370
	126	.7935	1380
	132	.799	1389
	138	.804	1398
	144	.8085	1407
	150	.814	1416
	156	.819	1424
	162	.8235	1432
	168	.828	1440

Gage pulled at 12:40 PM, 6/25/62. Bottom hole temperature - 168° F.



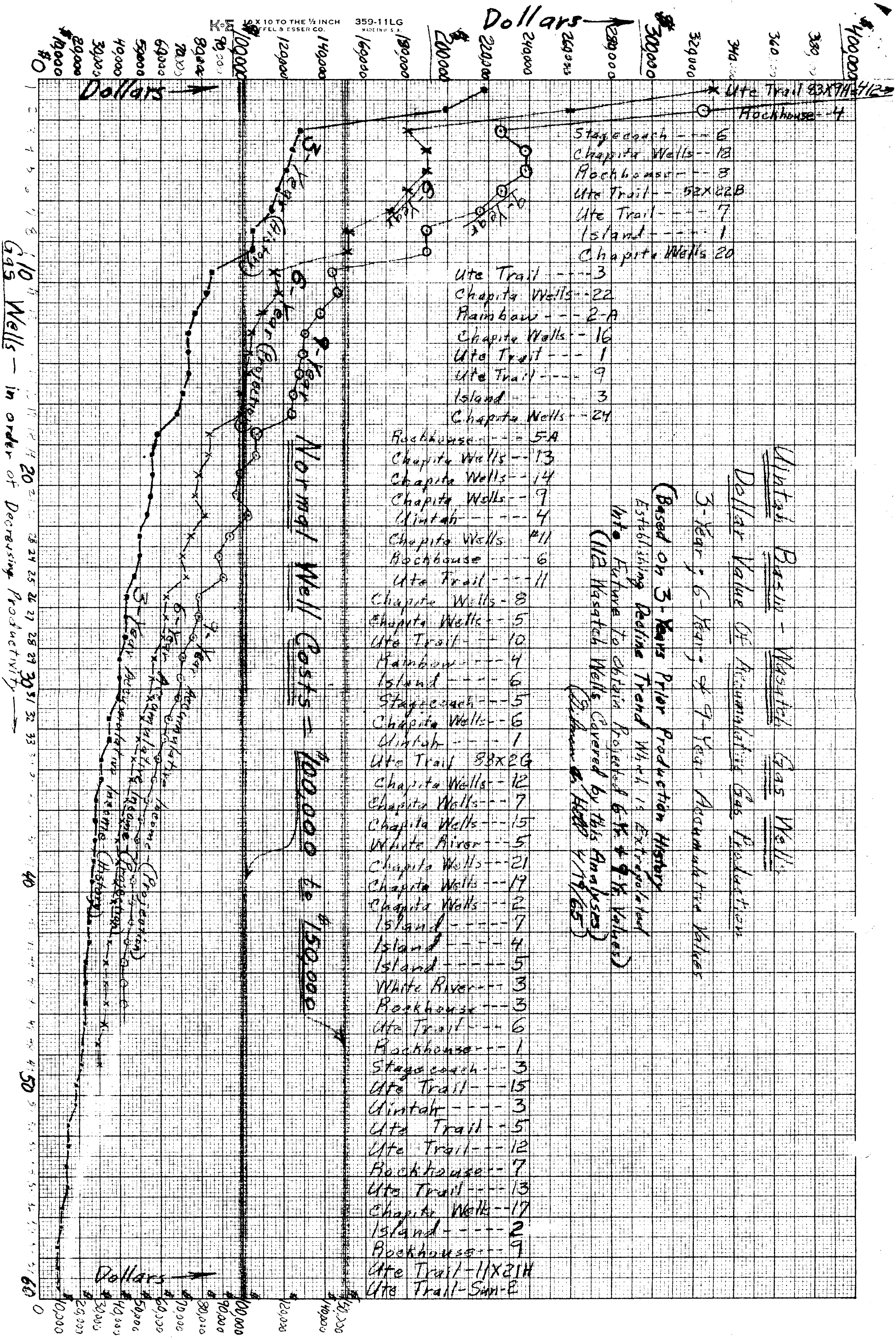






274-40

	Uintah Basin Wasatch Gas Prod. Unit & Well No.	3 Year History Accumulative Prod. mmcf	3 Year History Accumulative Prod. Dollars	6 Years Total Accumulative Prod. mmcf	6 Years Total Accumulative Prod. Dollars
1	Ute Trail 83 X 9H	1,320	$218,000	2,000	$330,000
2	Rockhouse #4	1,150	190,000	1,575	260,000
3	Stagecoach #6	780	128,000	1,100	181,000
4	Chapita Wells #18	760	125,000	1,150	190,000
5	Rockhouse #8	740	122,000	1,150	190,000
6	Ute Trail 52 X 22B	710	117,000	1,100	181,000
7	Ute Trail #7	700	115,000	1,050	173,000
8	Island #1	640	105,000	920	152,000
9	Chapita Wells #20	640	105,000	920	152,000
10	Ute Trail #3	515	85,000	700	115,000
11	Chapita Wells #22	500	82,500	720	118,000
12	Rainbow #2-A	470	77,500	670	110,000
13	Chapita Wells #16	450	74,000	640	105,000
14	Ute Trail #1	450	74,000	635	104,000
15	Ute Trail #9 (SI @ 316)	450 ?	74,000	620	102,000
16	Island #3	430	71,000	610	100,000
17	Chapita Wells #24	410	68,000	600	99,000
18	Rockhouse #5-A	355	58,500	510	84,000
19	Chapita Wells #13	340	56,000	510	84,000
20	Chapita Wells #14	340	56,000	480	79,000
21	Chapita Wells #9	335	55,000	470	77,500
22	Uintah #4	325	53,500	500	82,500
23	Chapita Wells #11	305	50,300	455	75,000
24	Rockhouse #6	305	50,300	430	71,000
25	Ute Trail #11	290	47,800	440	72,500
26	Chapita Wells #8	270	44,500	380	63,000
27	Chapita Wells #5	260	43,000	380	63,000
28	Ute Trail #10	260	43,000	370	61,000
29	Rainbow #4	243	40,000	345	57,000
30	Island #6	240	39,600	340	56,000
31	Stagecoach #5	235	38,800	335	55,000
32	Chapita Wells #6	210	34,600	310	51,000
33	Uintah #1	210	34,600	300	49,500
34	Ute Trail 88 X 2G	190	31,400	285	47,000
35	Chapita Wells #12	190	31,400	280	46,000
36	Chapita Wells #7	173	28,500	265	43,600
37	Chapita Wells #15	170	28,000	250	41,200
38	White River #5	170	28,000	240	39,600
39	Chapita Wells #21	165	27,200	240	39,600
40	Chapita Wells #19	160	26,400	230	38,000
41	Chapita Wells #2	158	26,000	222	37,000
42	Island #7	155	25,600	225	37,000
43	Island #4	150	24,800	215	35,400
44	Island #5	140	23,100	205	33,800
45	White River #3	140	23,100	205	33,800


Uintah Basin - Wasatch Gas Wells
Dollar Value of Accumulative Gas Production
3-Year, 6-Year, & 9-Year Accumulative Values
(Based on 3-Years Prior Production History Establishing Decline Trend Which is Extrapolated into Future to Obtain Projected 6-Yr & 9-Yr Values)
(112 Wasatch Wells Covered by this Analyses)
4/19/65
Normal Well Costs — $100,000 to $150,000
60 Gas Wells — in order of Decreasing Productivity →
Dollars →
3-Year Accumulative Income (History)
6-Year Accumulative Income (Projection)
9-Year Accumulative Income (Projection)
Ute Trail 83X9H-412 →
Rockhouse - 4
Stagecoach - - - 6
Chapita Wells - - 18
Rockhouse - - - 8
Ute Trail - - 52X22B
Ute Trail - - - 7
Island - - - - 1
Chapita Wells 20
Ute Trail - - - 3
Chapita Wells - - 22
Rainbow - - - 2-A
Chapita Wells - - 16
Ute Trail - - - 1
Ute Trail - - - 9
Island - - - - 3
Chapita Wells - - 24
Rockhouse - - - 5-A
Chapita Wells - - 13
Chapita Wells - - 14
Chapita Wells - - 7
Uintah - - - - 4
Chapita Wells #11
Rockhouse - - - 6
Ute Trail - - - 11
Chapita Wells - 8
Chapita Wells - - 5
Ute Trail - - - 10
Rainbow - - - 4
Island - - - - 6
Stagecoach - - - 5
Chapita Wells - - 6
Uintah - - - - 1
Ute Trail 88X2G
Chapita Wells - - 12
Chapita Wells - - - 7
Chapita Wells - - - 15
White River - - - 5
Chapita Wells - - - 21
Chapita Wells - - - 17
Chapita Wells - - - 2
Island - - - - - 7
Island - - - - - 4
Island - - - - - 5
White River - - - 3
Rockhouse - - - 3
Ute Trail - - - 6
Rockhouse - - - 1
Stagecoach - - - 3
Ute Trail - - - 15
Uintah - - - - 3
Ute Trail - - 5
Ute Trail - - - 12
Rockhouse - - 7
Ute Trail - - - 13
Chapita Wells - - 17
Island - - - - 2
Rockhouse - - - 9
Ute Trail - 11X21H
Ute Trail - Sun-E
K+E 10 X 10 TO THE ½ INCH 359-11LG KEUFFEL & ESSER CO. MADE IN U.S.A.

WELL HISTORY

DEKALB SUN
#6 UTE TRAIL UNIT
NE NE 24, T-9-S, R-20-E
UINTAH CO., UTAH

OPERATOR: DeKalb Agricultural Assn., Inc.

WELL: # 6 Ute Trail Unit

LEASE: U-0579

LOCATION: 660' FNL, 660' FEL of section 24, T-9-S, R-20-E
Uintah County, Utah

ELEVATION: 4758' G.L., 4771' K.B.

COMMENCED: September 11, 1959 (4:00 PM)

SET SURFACE: September 13, 1959 (4:30 AM)

FROM UNDER SURFACE: September 14, 1959 (7:30 PM)

REACHED TOTAL DEPTH: October 7, 1959 (4:30 PM)

COMPLETED: November 24, 1959

TOTAL DEPTH: 6505' Driller; 6508' Schlumberger

LITHOLOGY BY: M. C. Johnson

CASING:
Surface: Set 10-3/4", 32#, J-55, 8rnd. thrd. csg. at 301' K.B. with 275 sxs reg. cement, plus 2% Ca Cl.
Production: Set 7", 23#, N-80 and J-55, 8rnd thrd. csg. at 6505' K.B. with 350 sxs regular cement.

PERFORATIONS: Abrasijet perforations with 3 holes per stage with stages at 6248', 6253', 6258', 6263', 6268', and 6474' and 6479'.

PRODUCTION: 3,000 MCFGPD

HOLE SIZE: 13-3/4" Hole to 302'.
8-3/4" Hole from 302 to 6505'.

CONTRACTOR: MIRACLE AND WOOSTER DRILLING COMPANY

TYPE RIG: Wilson Super Giant.

FORMATION TOPS FROM ELECTRIC LOGS:

Spudded in Uintah Formation		
Green River Formation	1642'	(+ 3129')
Wasatch Formation	5050'	(- 279')
Total Depth	6505'	

LOGS:	Schlumberger:	Induction-Electric	301 to 6508'
		Sonic - S.P.	301 to 6508'
		Micro - Log	5304 to 6507'
	McCullough:	Temperature	3000 to 4900'
		Lithologic	1000 to 6505'

DRILLING TIME: One foot drilling time was maintained by means of a Geolograph.

SAMPLE PROGRAM: One set of wet samples was caught every 10 feet and sacked in cloth bags.

CORES: No Cores were taken.

DRILL STEM TESTS:

DST # 1, 6460 to 6505', ISI 30", T.O. 60", FSI 30". Gas to surface in 42 minutes at a rate too small to measure. Burned with 3 to 4' flare. Recovered 630' HGCM. ISIP 1728 PSI, IFP 293 PSI, IHP 3388 PSI, FSIP 1326 PSI, FFP 307 PSI, FHP 3356 PSI.

MUD PROGRAM: Fresh water and native mud was used for a drilling medium from under surface casing to 1731 feet. At 1731 feet the mud system was converted to gasiated water drilling and the hole was drilled to 6142 feet using this method before the hole commenced sloughing. While using gasiated water one sack of lime was added per hour to prevent corrosion and Afrox was added to assist in cleaning the samples out of the hole. After penetrating the Wasatch formation Discose and diesel oil were added in order to prevent sloughing of the red beds, however, at 6142 feet it became necessary to convert to a chemically treated gel mud to complete the hole.

LOST CIRCULATION: A minor lost circulation zone was encountered at 1110 to 1175 feet. No other notable lost circulation zones were encountered.

WATER FLOWS: A minor amount of water was encountered while drilling through the fractured shales and thru sandstones of the Green River formation. Gas entrained in the water caused it to flow.

SHOWS OF OIL & GAS: Residual oil stain was noted in almost all porous sands in the Uinta formation.

Scattered residual to live oil and gas shows were noted in the oil shales and sands of the Green River formation Three low quality porous sands (5912,6236 and 6465), were penetrated in the Wasatch formation. The lower two were perforated and fraced and produced a surprising amount of gas.

COMPLETION PROCEEDURE:

Zone: 6248 to 6268' and 6473 to 6478' abrasijeted with 3 holes per stage. Spearheaded frac with 500 gallons of mud acid. Fraced down tubing and casing with 26,900 gallons of treated salt water, and 52,000 pounds of 20/40 mesh sand. Initial breakdown 1200 PSI. Maximum treating pressure 2400 PSI, minimum 2250 PSI. Average injection rate 42 bbls per minute. Immediate shut in pressure 2000 PSI, one hour shut in 1800 PSI.

BIT RECORD

NO.	SIZE	MAKE	TYPE	DEPTH FROM	DEPTH TO	FEET	HOURS
1	13-3/4"	HTC	OSC	0	62	62	
2	13-3/4"	HTC	OSC	62	302	240	
3	8-3/4"	SEC	S-4	302	748	436	10-1/2
4	8-3/4"	HTC	OSC-1G	748	1222	474	12
5	8-3/4"	HTC	OSC-1G	1222	1333	111	
6	8-3/4"	REED	YTq	1333	1404	71	4-3/4
7	8-3/4"	REED	YSI	1404	1537	134	6-3/4
8	8-3/4"	SEC	S-6	1537	1584	47	4-1/2
9	8-3/4"	HTC	OSC-1G	1584	1632	48	6-3/4
10	8-3/4"	SEC	M4N	1632	1692	60	7
11	8-3/4"	SEC	M4N	1692	1734	42	7
12	8-3/4"	SEC	M4N	1734	1791	57	8
13	8-3/4"	HTC	OWV	1791	1919	128	8-3/4
14	8-3/4"	REED	YS	1919	2071	152	11
15	8-3/4"	REED	YS	2071	2260	189	12-1/4
16	8-3/4"	REED	YS	2260	2488	228	10-3/4
17	8-3/4"	SEC	M4N	2488	2800	312	14-1/2
18	8-3/4"	SEC	M4N	2800	3121	321	12-1/2
19	8-3/4"	SEC	M4N	3121	3363	242	11-3/4
20	8-3/4"	REED	YM	3363	3646	283	12-1/4
21	8-3/4"	SEC	Y4L	3646	3893	247	12-3/4
22	8-3/4"	SEC	M4L	3893	4186	293	13-1/4
23	8-3/4"	REED	YM	4186	4560	374	14-1/2
24	8-3/4"	REED	YM	4560	4794	234	10-3/4
25	8-3/4"	REED	YSI	4794	5020	226	8-3/4
26	8-3/4"	HTC	OWV	5020	5527	507	15-3/4
27	8-3/4"	HTC	OWV	5527	5700	173	8-3/4
28	8-3/4"	HTC	OWV	5700	5887	187	11-1/4
29	8-3/4"	HTC	OWV	5887	6142	255	11-1/4
30	8-3/4"	REED	YM	6142	6188	38	8-1/2
31	8-3/4"	SEC	M4N	6188	6313	125	18
32	8-3/4"	SEC	M4N	6313	6448	135	19-1/2
33	8-3/4"	SEC	M4N	6448	6505	57	6-1/2

SLOPE TEST

60' - 1/4°
120' - 1/2°
219' - 1/2°
730' - 1/2°
1222' - 1°
1632' - 3/4°
1988' - 3/4°
3226' - 3/4°

UTE TRAIL UNIT WELL # 6

9-5-59	Rigging down Rotary Rig @ # 5 Moving to # 6
9-6-59	Rigging up Rotary Rig laying Gas Line, Digging Cellar 15 men, 8 hour each.
9-7-59	Finish laying Gas Line, Rigging up, Digging Cellar 15 men, 8 hours each.
9-8-59	Rigging up Rotary Rig 15 men, 8 hours each.
9-9-59	Rigging up Rotary Rig 15 men, 8 hours each.
9-10-59	Rigging up installing new Air Lines, Raise Derrick, put in conductor, Pipe and Rotary table, pick up Swivel and Kelly, preparing to drill Rat Hde.
9-11-59 0-52 Spud @ 4 PM	Drilling with Mud and Water. Mosning tour, drilling Rat Hole. Day Tour Drilling Rat Hole, miscellaneous repairs. Evening tour 52' - 8 hours drilling, Drilling Surface Hole 0' - 52' Shale. 12 Mid. 8:00 A. M. Drilling Rat Hole, 8:00 A. M. to 9:00 A.M. servicing Rig 1/4 drilling 3/4. Repair Air Lines and install cat Head 3 Hours. Drilling and Reamed Rat Hole 4 hours, finish @ 4:00 P.M. Spud Surface Hole 13-3/4" OSC Bit No. 1 @ 4:00 P. M. still Drilling @ 12 midnight, used 25 sacks Gel.
9-12-59 52'-293'	Drilling with Mud and Water WT 8.7, Vis. 44. Morning tour 58' - 52' to 110' (7 hours drilling) Shale Day tour 61' - 110' to 171' (6 Hours Drilling) Shale Evening tour 122' - 171' to 293' (8 hours Drilling) Shale. Drilling with 13-3/4" Bit til 2 A. M., Trip, back in hole with 13-3/4" OSC Bit No. 2 @ 2:45 A.M. Drill til 4:00 A.M. Survey 1/4 hours Drill til 8:00 A.M. Service Rig 1/4 hour, Drill til 8:45 A.M. Repairing Rig til 10:30 A.M. Drill til 1:45 P.M. Survey til 2:00 P.M. Drill til 12 midnight. Used 32 sacks Gel, Morning 15 sacks Gel, Evening Survey @ 60' 1/4°, @ 120' 1/2° @ 219' 1/2° Mud WT 8.7, Vis 44 and 8.8, Vis. 46 and 8.8, Vis 50. Bit No. 1 made 62' - 10 hours, 0' to 62', Shale.
9-13-59 293-302 Set Surf. Csg.	Drilling with Mud and Water WT 8.0, Vis 58. Morning Tour 9' - (1/2 hour. Drilling) 293' to 302'. Day Tour Running 10-3/4" Surface Casing. Evening tour

W.O.C and Nippling up. Drilled til 12:30 with 13-3/4" Bit to 302', Circulated 1/2 hour, trip, Rig up run 9 joints 10-3/4", 32#, J-55, 8rd Casing that measured 286.80. Set @ 301' - KDB cement with 275 sacks rig cement plus 27 CC cement. Circulate to surface, plug down @ 4:30 A.M. W.O.C. Bit No. 2 made 240' - 19-1/2 hours 62' to 302' Shale.

9-14059
302-503'

Drilling with water.
Morning tour mippling up and W.O.C. Day tour nippling up and w.O.C. Evening tour 201' (4-1/2 Hours drilling) 302' to 503' Shale. W.O.C. and nippling up til 9:00 A.M. Started drilling mouse hole, finish @ 4:00 P.M.. Reset Rotary table, Preparing to drill. Install B.O.P., go in hole with 8-3/4" S-4 Bit No 3, Pressure casing to 1000# PSI Held pressure 30 min., Ok, start drilling cement @ 242' @ 6:00 P.M. Finish drilling cement @ 7:30 PLM. Drilled out from under surface casing @ 7:30 P.M. Still drilling @ 12 midnight.

6-15-59
503-1285'

Drilling with water.
Morning tour 238' (6 hours Drilling) 503' to 741', Shale. Day tour 293' (7-1/2 hours Drilling) 741' to 1034' Sand and Shale. Evening tour 251' (5-3/4 Hours Drilling) 1034' to 1285' Sand and Shale. drill til 12:30 A.M., Service rig 1/2 hour, Drill til 6:00 A.M., trip, Back in hole with 8-3/4" OSC1-G Bit No. 4 @ 7:00 A.M., 1/2 hour washing to bottom, start drilling @ 7:30 A.M., Drilled til 8 A.M. Service Rig 1/4 hours. Drilled til 10:00 A.M., clean and jet, shale pit 1/4 hour, Drill til 5:30 P.M., Repair clutch 1/2 hour. Drilled til 6:45 P.M., Build volumn in pits 1/4 hour, drill til 9:15 P.M., Service 1/4 hour, trip, back in hole with 8-3/4" OSC1-G. Bit No. 5 @ 10:45 P.m. Still drilling @ 12 midnight, Survey @ 730' - 1/2°, @ 1222' - 1°. Bit No. 3 made 436' - 10-1/2 hours, 302 to 738', Sand and Shale. Bit No. 4 made 474' 12 hours, 738 to 1222' Sand and Shale.

9-16-59
1285-1562'
Fishing Job

Drilling with water.
Morning tour 56' (2-1/4 hours Drilling) 1285' to 1341' Sand and Shale, Day tour 109 (5-1/4 hours Drilling) 1341' to 1450' Sand And Shale. Evening tour 112' (6-1/2 hours drilling) 1450' to 1562' Sand and Shale. Drilled til 1:15 A.M., twisted off, trip out, pick up Bowen Over Shot, went in hole Caught fish, trip out with fish (2 drill collars) Broken Box lay down fish, trip, on bottom with

8-3/4" Reed YT Bit No. 6 @ 7:00 A.M., Drilled til 8:00 A.M., Service Rig 1/4 hour. Drill til 11:45 A.M. Survey 1/4 hour, trip, Back in hole with 8-3/4" YSI Bit No. 7 @ 1:30 P.M. Drill til 8:15 P.M., trip, back in holw with 8-3/4" S-6, Bit No. 8 @ 9:45 P.M., Still drilling @ 12 midnight. Bit No. 5 made 111'3- 3/4 hours 1222 to 1333' Sand and Shale. Bit No. 6 made 71' 4-3/4 hours 1333 to 1404' Sand and Shale. Bit No. 7 made 134' 6-3/4 hours 1404 to 1538' Sand and Shale.

9-17-59
1562-1692'
Fishing Job

Drilling with Water.
Morning tour 26' (2-1/2 hours Drilling) 1562 to 1588' Sand and Shale. Day tour 44' (6-3/4 hours drilling) 1588 to 1632' Sand and Shale. Evening tour 60' (7 hours Drilling) 1632 to 1692' Sand and Shale. Drilled til 2:30 A.M., twisted off, trip out, back in hole with Over Shot, caught fish, trip out with fish (Broken Box on Drill Collar) @ 6:00 A.M., Back in hole with 8-3/4" OSC-G Bit No. 9, @ 7:00 A.M. Drilled til 8:00 A.M., Clean pit and service Rig 1/2 hour, Drilled til 1:15 P.M. Survey and Trip. Back in hole with 8-3/4" M4N Bit No. 10 @ 4:00 P.M. Drilled til 11:00 P.M., trip coming out of hole @ 12 midnight.
Survey @ 1632 - 3/4
Bit No. 8 made 47' 4½ hrs. 1538 to 1584, Sand and Shale.
Bit No. 8 made 44' 6-3/4 hrs. 1584 to 1632, Sand & Shale.
Bit No. 10 made 60' 7 hrs. 1632 to 1692, Sand and Shale.

9-18-59
1692-1734'
Prep. to Gas Drill

Drilling with water.
Morning tour 39' (7hrs. Drilling) 1692 to 1731', Sand & Shale.
Day tour 3' (1/2 hrs. drilling) 1731 to 1734', Sand and Shale.
Evening tour 0' preparing to Drill with gas. Out of hole @ 12 midnight, Service rig 1/4 hour, trip in, Back in hole with 8-3/4" M4N Bit No.11 @ 1:00 P.M. Drilled til 8:30 A.M., trip out to hook up and drill with Gas, Finish hook up start back in hole @ 11:00 P.M.
Bit No. 11 made 42' 7 hrs. 1692' to 1734', Sand and Shale.

9-19-59
1734-1894'

Drilling with Water and Gas.
morning tour 24' (3 hrs. Drilling 1 hr. Circ.) 1734 to 1758' Sand and Shale. Day dour 33' (5 hrs. drilling 1/2 hr. circ.) 1758 to 1791', Sand and Shale. Evening tour 103' (6½ hrs. Drilling) 1791 to 1894', Sand and Shale.
Finish trip, back in hole with 8-3/4" M4N Bit No. 12 @ 2:00 A.M., Install Rotating Head, 1 hr, Circulateing 1/2 hr. wait on water and fill pits 1/2 hr. Start Drilling @ 5:00

A.M., Drilled til 1:00 P M., circulate 1/2 hour, trip, Gas freezing @ Gas Well, Put Rig Motors on Butane, Finish Trip, Repair Regulator @ Gas Well, and Trip in, Back in hole with 8-3/4" OWV Bit No. 13 @ 5:30 P.M. Still Drilling @ 12 midnight. Used 12 sacks Lime. Bit No. 12 made 57' - 8 hrs. 1734' to 1791, Sand and Shale.

9-20-59
1894-2090'

Drilling with Gas and Water.
Morning tour 44' (3-1/2 hrs. drilling 1/2 hrs. circ.) 1894' to 1938', Sand and Shale. Day tour 70' (5-3/4 hrs. Drilling) 1938 to 2008', Sand and Shale. Evening tour 82' (4-1/2 hrs. Drilling 1/2 hrs. Circ.) 2008' to 2090' Sand and Shale.
12 A.M. to 1:00 A.M. 1/4 hr. service rig, 1/4 hr. drilling 1/2 hr. wait on Gas. 1:00 A.M. to 2:00 A.M. 1/4 hr. Gas off 3/4 hr. drilling, 2:00 A.M. to 3:00 A.M. Drilling 3:00 A.M. to 4:00 A.M. 1/4 hr. Drilling, 1/2 hr. Circ. 1/4 hr. trip. 4:00 A.M. to 5:00 A.M. 3/4 hr. trip 1/4 hr. Pick up 3 drill collars. 5:00 A.M. to 6:00 A.M. lay down 3 joints drill pipe, Trip. 6:00 A.M. to 7:00 A.M. 3/4 hr. trip, 1/4 hr. Drilling. Back in hole with 8-3/4" YS Bit No. 14 @ 6:45 A.M. Drill til 8:00 A.M., Service rig 1/4 hr. (Pulled 10 stands Drill Pipe wait on Gas 3/4 hr.) Back to bottom 1/4 hr., Drill 1/2 hr., Wait on Water 1/2 hr. Drill til 2:00 P.M. Clean Pits 1/2 hr., Drill til 6:30 P. M. Circulate 1/2 hr., Drill til 8:30 P.M. Circulate 1/2 hr. for trip, Trip out. Back on bottom with 8-3/4" YS Bit No. 15 @ 10:30 P.M. Still drilling @ 12 midnight. Used 12 sacks Lime, Bit No. 13 made 128' 8-3/4 Hour, 1791' to 1919', Sand and Shale. Bit No. 14 made 152' 11 Hours, 1919' to 2071', Sand and Shale

9-21-59
2090-2440'

Drilling with Gas and Water.
Morning tour 128' (8 hr. drilling) 2090' to 2218', Sand and Shale. Day tour 46' (3-3/4 hr. Drilling 1/2 Hr. Circ. 1 Hr. Ream) 2218' to 2264', Sand and Shale. Evening Tour 176' (7-3/4 Hr. Drilling) 2264' to 2440', Sand and Shale. Drilling 8:00 A.M., Service Rig 1/4 Hr., Drill til 11:00 A.M. Circulate 1/2 hr, trip, Back in hole with 8-3/4" YS Bit No. 16 @ 2:00 P.M., 1 Hour Reaming 70' to bottom. Started Drilling @ 3:00 P.M. Still Drilling @ 12 midnight (1/4 hr. Repair Chain @ 10:00 P.M.) Mixed 22 sacks Lime. Bit No. 15 made 189' - 12-1/4 hrs. 2071' to 2260', Sand and Shale.

9-22-59 2440-2800'	Drilling with Gasn and Water. Morning tour 92' (4-1/2 Hr. Drilling 1/4 hr. Ream, 1/2 hr. circulate) 2440' to 2532, Sand and Shale. Day tour 173' (7-3/4 hr. Drilling) 2532' to 2705', Sand and Shale. Evening tour 95' (4-1/2 hr. Drilling 1/2 hr. Circulate) 2705' to 2800' Sand and Shale. Service Rig 12:00 A.M. to 12:15 A.M., Drill til 2:00 A.M., Circulate 1/2 hr. Survey 1/4 hr., Trip. Back in hole with 8-3/4" M4L. Bit No. 17 @ 5:15 A.M. Ream 1/4 hr. Start Drilling @ 5:30 A.M., Drilling til 8:00 A.M., Service Rig 1/4 hr. Drill til 8:30 P.M., Circulate 1/2 hr., Trip. Going in hole @ 12 midnight. Used 16 sacks Lime, Survey No Good? Bit No. 16 made 228' 10-3/4 Hours 2260' to 2488' Sand and Shale. Bit No. 17 made 312' 14-1/2 Hours, 2488' to 2800, Sand and Shale.
9-23-59 2800-3196'	Drilling with Gas and Water. Morning tour 200' (7 hr. Drilling 1 Hr. Reaming) 2800' to 3000', Sand and Shale. Day tour 121' (5-1/4 hr. Drilling 1/2 hr. Circ.) 3000' to 3121', Sand and Shale. Evening tour 75' (3 hr. Drilling 1 hr. Reaming) 3121' to 3196', Sand and Shale. Service Rig 12:00 A.M., Drilling til 8:00 A.M., Serwice Rig 1/4 hr. Drill til 1:30 P.M., Circulate 1/2 hr., Trip, Out @ 4:00 P.M. Change stripper on Rotating Head 1 Hr. Back in hole with 8-3/4" M4L. Bit No. 19 @ 6:00 P.M. Ream to Bottom 6:00 P.M. to 7:00 P.M. Shut down 7:00 P.M. til 9:00 P.M. Gas Freezing up @ Gas Well, Start drilling @ 9:00 P.M., Still drilling @ 12 midnight. Used 15 sacks Lime, 10 Gallons Affrox, Bit No. 18 made 321' 12-1/2 hrs., 2800' to 3121', Sand and Shale.
9-24-59 3196-3567'	Drilling with Gas and Water. Morning tour 133' (7hrs. Drilling) 3196' to 3329', Sand and Shale. Day Tour 57' (3 hrs. Drilling 1/2 hr. Circ. 3/4 hr. Ream) 3329' to 3386', Sand and Shale. Evening tour 181' (7-1/2 Hrs. Drilling) 3386' to 3567', Sand and Shale. Drill til 5:30 A.M. Shut down check for Gas blow from zone @ 3312, for 1 hour (No blow from this zone, same zone that blew out and caught fire on well No. 5) Drill til 8:00 A.M., Service Rig 1/4 hr., Drill til 10:15 A.M., Trip, Back in hole with 8-3/4" Reed YM Bit No. 20 @ 1:00 P.M., Circulate and wash, to bottom 3/4 Hr. Start Drilling @ 1:45 P.M. Drill til 6:30 P.M., Gas off 1/2 hr. Still Drilling @ 12 midnight. Used 20 sacks Lime, 16 gal. Affrox. Bit No. 19 made 242' 11-3/4 hrs. 3121' to 3363' Sand and Shale.

9-25-59 3567-3893'	Drilling with Gas and Water. Morning tour 79' (2-3/4 Hr. Drilling 1/2 hr. circ.) 3567' to 3646', Sand and Shale. Day Tour 147' (7-3/4 Hr. Drilling) 3646' to 3793', Sand and Shale. Evening tour 100' (5 hr. Drilling 1/2 hr. Circ.) 3793' to 3893', Sand and Shale. 12 midnight to 12:15 A.M., Service Rig. Drill til 3:00 A.M., Circ. 1/2 hr., Trip, Back in hole with 8-3/4" M4L Bit No. 21 @ 8:00 A.M., Service Rig 1/4 hr. Drill til 9:00 R.M., Circulate 1/2 hr., Gas off 1/2 hr. Start out of hole @ 10:00 P.M., out of hole @ 12 midnight. Used 14 sacks Lime, 17 Gal. Affrox. Bit No. 20 made 283' - 12-1/2 hrs., 3363' to 3646', Sand and Shale. Bit No. 21 made 247' 12-3/4 hrs. 3646' to 3893', Sand and Shale.
9-26-59 3893-4219'	Drilling with Gas and Water. Morning tour 67' (3-1/4 Hr. Drilling 1/4 hr. Ream) 3893' to 3964', Sand and Shale. Day tour 143' (7-1/2 hr. Drilling) 3964' to 4107', Sadd and Shale. Evening tour 112' (4 hr. Drilling 1 hr. Circ.) 4107' to 4219', Sand and Shale. 12:00 A.M. to 1:30 A.M. Change Stripper Rubber on Rotating Head. 1:30 A.M. to 2:00 A.M. Repair Gas Line Heater Start Back in hole with Bit @ 2:00 A.M. Back in hole with 8-3/4" M4L. Bit No. 22 @ 4:30 A.M. Ream 1/4 Hr., Start Drilling @ 4:45 A.M., Drill til 8:00 A.M., Service Rig 1/4 Hr. Drill til 9:45 A.M., Tighten Union on Kelly hose 1/4 hr. Drill 6:30 P.M., Circ. 1/2 hr., Trip, Back in hole with 8-3/4" YM Bit No. 23 @ 10:00 P.M., Circulate 1/2 Hr. Start Drilling @ 10:30 P.M. Still drilling @ 12 midnight. Used 16 sacks Lime, 16 gal. Affrox. Bit No. 22 made 293' 13-1/4 Hrs. 3893' to 4186', Sand and Shale.
9-27-59 4219-4676'	Drilling with Gas and Water. Morning tour 151' (8 hrs. Drilling) 4219' to 4370', Sand and Shale. Day tour 190' (5 hrs. Drilling 1/2 hr. Circ.) 4370' to 4560', Sand and Shale. Evening tour 116' (5 hrs. Drilling 1/2 hr. circ.) 4560' to 4676', Sand and Shale. Drill til 1:00 P.M., Circulate 1/2 hr., Trip, Back in hole with 8-3/4" YM Bit No. 24 @ 5:30, Wash 25' to bottom 1/2 hrs., Gas off 1/2 hr., Drilling 1/2 hr., Gas off 1/4 hr. Drilling 1/2 hr., Gas off 1/4 hr., Still Drilling @ midnight. Used 20 sacks lime, 20 Gal. Affrox. Bit No. 23 made 374' 14-1/2 hrs. 4186' to 4560', Sand and Shale.

9-28-59
4676-5020'

Drilling with Gas and Water.
Morning tour 118' (5-3/4 Drilling 1/2 hr. Circ.) 4676' to 4794', Sand and Shale. Day tour 132' (4-1/2 Hr. Drilling 1/2 hr. Circ.) 4794' to 4926', Sand and Shale. Evening tour 94' (4-1/2 hr. Drilling 1/2 hr. Circ.) 4926' to 5020' Sand and Shale. Drill til 8:45 A.M. Circulate 1/2 hr., Trip, (strap pipe out) Gas off 1/2 hr. coming out. Gas off 1/4 hr., going in. Back in hole with 8-3/4" YSI, Bit No. 25 @ 11:00 A.M., Circulate 1/2 hr. Drill til 4:00 P.M., Service Rig 1/4 hr. Drill til 8:45 P.M., Circulate 1/2 hr., trip. Out of hole @ 12 midnight. Used 14 sacks Lime, 14 gals. Affrox. Bit No. 24 made 234' 10-3/4 hrs., 4560' to 4794', Sand and Shale. Bit No. 25 mad 226' 8-3/4 hrs. 4794' to 4020', Sand and Shale.

9-29-59
5020-5527'

Drilling with Gas and Water.
Mornning tour 112' (5 hrs. drilling 3/4 hr. Circ. & Ream) 5020' to 5132', Sand and Shale. Day tour 274' (8 hrs. drilling) 5132' to 5406', Sand and Shale. Evening tour 121' (3-1/2 hrs. Drilling 1/2 hr. Circ.) 5406' to 5527', Sand and Shale. Finish trip in with 8-3/4" OWC Bit No. 26 @ 1:30 A.M. Circulate and Ream 30' to bottom 3/4 hr. Drill 1 hr., Clean screen on oiler in transmission 3/4 hr. Drill til 4:00 P.M., Service rig 1/4 hr. Service pump 1/4 hr. Drill til 8:00 P.M. Circulate 1/2 hr., Trip, Gas off 9:00 P.M. to 10:00 P.M., Coming out of hole @ 12 mdingith. Used 13 sacks Lime, 13 gallons Affrox. Mixed 400 gal. Diesel oil, 40 sacks Gel and 200# Driscose with drilling fluid. Bit No. 26 made 507' 15-3/4 hrs. 5020' to 5527', Sand and Shale.

9-30-59
5527-5718'

Drilling with Gas and Water.
Morning tour 47' (3-3/4 hr. Drilling 1/2 hr. Circ.) 5527' to 5574', Sand and Shale. Day tour 126' (5 hr. Drilling 1/2 hr. Circ.) 5574' to 5700', Sand and Shale. Evening tour 18' (2 hr. Drilling 1/2 hr. Circ.) 5700' to 5718', Sand and Shale. Finish trip out change stripper Rubber on Rotating Head, Back in hole with 8-3/4" OWV, Bit No. 27 @ 230 A.M., Circulate and wash 20' to bottom 1/2 hr., wait on water 3:00 A.M. to 4:00 A.M., Circulate 1/4 hr., Start drilling @ 4:15 A.M. Drill til 8:30 A.M. Gas off 1/2 hr., Drill til 1:30 P.M. Circulate 1/2 hr., Trip, Back in hole with 8-3/4" OWV. Bit No. 28 @ 6:30 P.M., Circulate 3/4 hr., Drill 1/4 hr. out of fluid 7:30 A.M. to 8:00 P.M. work stuck Drill Pipe 8:00 P.M. to 9:00 P.M. wait on fluid

9:00 P.M. to 10:15 P.M. start drilling @ 10:15 P.M., Still drilling @ 12:00 Midnight. Used 2 bbls Diesel, 50# Driscose 10 sacks Gel, Morning tour used 1 sack Lime, 50# Driscose 200 Gal. Diesel, 10 sacks gel. Daylight tour Used 10 sacks Gel, 2 sacks Driscose, 2 bbls Diesel, 10 sacks Gel. Evening tour. Bit No. 27 made 173' 8-3/4Hrs. 5527' to 5700', Sand and Shale.

10-1-59
5718-5887'
Fishing Job

Drilling with Gas and Water.
Morning tour 127' (8 hrs. Drilling) 5718 to 5845', Sand and Shale. Day tour 42' (1-3/4hr. Drilling 1/2 hr. circ.) 5845 to 5887', Sand and Shale. Evening tour 0' Fishing (1/2 hr. circ. in 1/2 hr. circ. on Fish). Drill til 9:45 A.M., twisted off circulate 1-3/4 hours. Come out of hole, Pick up over shot, jars, Bumper Sub, Back in hole @ 4:30 P.M. 1/2 hr. washing to top fish, caught fish, Trip out, out of hole with Fish @ 8:30 P.M. Wait on tool to put Rotating Head on til midnight.
Used 50# Driscose, 50# Lime, 2 bbls Diesel, 6 sacks Gel
Used 50# Lime, 2 bbls Diesel, 15 sacks Gel, 50# Driscose.
Used 6 sacks Gel. Bit No. 28 made 187' 11-1/4 hrs. 5700' to 5887', Sand and Shale.

10-2-59
5887-6104'

Drilling with Gas and Water.
Morning tour 0' (2 hr. circ.) Break out Fishing tools, go in hole. Day tour 122' (8 hrs. Drilling) 5887' to 6009', Sand and Shale. Evening tour 96' (7-1/4 hr. Drilling) 6009' to 6104', Sand and Shale. Finish laying down Fish, broke out overshot , Shale. Put on new Rotating Head, Start in hole with Bit @ 3:30 A.M., Back in hole with 8-3/4" OWC, Bit No. 29 @ 5:30 A.M., Circulate and wash to bottom til 12 midnight. Start Drilling @ 8:00 A.M., Drill til 7:45 P.M. Gas off 1/4 hr., Drill til 9:45 P.M. Change Starting motor 1/4 hr., still drilling @ 12 midnight. Made 20' correction in Drill pipe measurement. Used 200 Gal.,Diesel, 50# Driscose, 50# Lime (A.M.)
Used 10 sacks Gel, 50# Driscose, 50# Lime, 4 bbls Diesel (PM)
Bit No. 29 made 255' 18-1/4 hrs. 5887 to 6142', Sand & Shale.

10-3-59
6104-6142'
Change from Gas & Wtr. to mud.

Drilling with Gas and Water, Change to Mud.
Morning tour 38' (3 hrs. Drilling) 6104' to 6142', Sand and Shale. Day tour 0' (Hole Heaving) Mix mud and trip. Evening tour 0' mix mud nippling up.
Drill til 3:00 A.M., Gas off, Circulate with Water and Drilling fluid til 5:00 A.M., Trip, 8:00 A.M. to 8:30 A.M.

	going in hole with Drill Collars, 8:30 A.M. to 9:30 A.M. Cut off and Slip drilling line. 9:30 A.M. to 10:45 A.M. Starting Pump Motor. 10:45 A.M. to 11:45 A.M. Going in hole with 8-3/4" YM Bit No. 30. Hit bridge 9 stands off bottom (Hole Heaving) 11:45 A.M. to 1:45 P.M. Circulate and mix mud. 1:45 P.M. to 4:00 P.M., Trip Out. Clean Pits, mixing mud and nippling up (to Drill with Mud) 4:00 P.M. to 12 midnight. Used 2 bbls Diesel, 50# Lime (Morning Tour). Used 10 sacks Gel, 3 sacks Driscose Day Tour. Used 90 sacks Magobar, 50 sacks Gel, 4 sacks Alkatan, 100# Driscose, 50# Que Bracho (Evening tour).
10-4-59 6142-6159 Nippling Up.	Drilling with Mud WT. 10, Vis. 60. Evening tour 17' (4-1/2 Ream 1/2 Circulate 3 hr. Drilling) 6142 to 6159', Sand and Shale. Finish nippling up @ 3:00 A.M., Start in hole, in Hole with 8-3/4" YM Bit No. 30 @ 5:00 A.M. Circulate and Condition Mud to 10 stands off bottom. Start Washing and Reaming to bottom @ 8:00 A.M., Reach Bottom @ 8:30 P.M. Circulate 1/2 hr. Start Drilling New Formation @ 9:00 P.M. Still drilling @ 12 midnight. Morning tour Used 131 Sacks Magobar, 51 sacks Gel, 125# Driscose, 1 Sack Tanathin. Day Tour Used 205 sacks Magobar, 45 sacks Gel, 4 sacks Alkatan 3 Seda-Ash, 2 sacks Tanathin. Evening tour Used 75# Tannathin, 100# Driscose, 100# Soda-Ash, 40 sacks Gel 100 sacks Magobar.
10-5-59 6159-6281'	Drilling with Mud Wt. 10.3, Vis 55. Morning tour 29' (5-1/2 Hr. Drilling) 6159 to 6188', Sand and Shale. Day tour 31' (4-3/4 Hr. Drilling) 6188' to 6219', Sand and Shale. Evening tour 62' (8 Hr. Drilling) 6219' to 6281', Sand and Shale. Drill til 5:30 A.M., Trip, back in hole with 8-3/4" M4N Bit No. 31 @ 10:00 A.M. Drill bridges 9 stands off bottom, start drilling new formation @ 11:15 A.M. Still drilling at 12 midnight. Morning tour 80 sacks Magobar, 25 sacks Gel, Day tour 45 sacks Magobar, 2 sacks Driscose, 18 sacks Gel. Evening tour 50# Tannathin. Bit No. 30 made 46' 8-1/2 hrs. 6142' to 6188, Sand and Shale.
10-6-59 6281-6412'	Drilling with mud WT 9.8, Vis 50, CK 1/32, WL 6.6, PH 8. Morning tour 32' (5-1/2 Hr. Drilling) 6281' to 6313', Sand and Shale. Day tour 40' (6-1/2 Hr. Drilling) 6313' to 6353', Sand and Shale. Evening tour 59' (7-3/4 hr. Drilling) 6353' to 6412', Sand and Shale.

Drill til 5:30 A.M., Trip, Back in hole with 8-3/4" M4N Bit No. 32 @ 9:30 A.M., Drill til 5:45 P.M., Service Rig 1/4 hr. Still drilling @ 12 midnight.
Used 21 sacks Magobar, Morning tour. Used 15 sacks Gel, 2 sacks Driscose, 2 sacks Alkatan, Day tour. Used 50# Caustic, 50# Quebracho, Evening tour. Bit No. 31 made 125' 18 hrs. 6188' to 6313', Shale.

10-7-59
6412-6505'

Drilling with Mud WT 9.8, Vis. 50, CK 1/32, WL 8.0, PH 8.8. Morning tour 37' (5-1/2 hrs. Drilling) 6412 to 6449', Sand and Shale. Day tour 49' (4 hrs. Drilling) 6449' to 6498', Sand and Shale. Evening tour 7' (1/2 hr. Drilling 1 hr. Circulate) 6498 to 6505', Sand and Shale.
Drill til 5:15 A.M., Trip, Back in hole with 8-3/4" M4N, Bit No. 33 @ 10:00 A.M. Drill til 4:30 P.M. Circulate 1-1/2 Hrs. Trip, out @ 8:00 P.M., Pick up and Make up DST Tool Start in hole @ 9:00 P.M. 10 sacks Gel, 50# Driscose, 200# Tannathin, 100# Caustic, 15 bbls Diesel (A.M.) 30 sacks Magcobar, 100# Driscose (P.M.) Bit No. 32 made 135' 19-1/2 hrs. 6313 to 6448', Sand and Shale. Bit No. 33 made 57' 6-1/2 hrs. 6448' to 6505', Sand and Shale.

10-8-59

Drilling with mud Reached T.D.
Morning Tour DST. Day tour Logging Well, Evening tour Logging Well. On Bottom with DST No. 1 @ 12 midnight Test zone 6460 to 6505'. Tool open 1 hr., SIP 30 minute HY 3388.4#, SI 1727.9, FHY 3355.7, Final SI 30 minute FSIP 1326.6, IFP 293.1, FFP 307.4. Gas to surface in 42 minutes, Recovered 630' GCM. Real heavy cut top part. Schlumberger Start Running Logs @ 12 noon, Finish by 12 midnight, Schlumberger lost Micro Log Pad at 5997.

10-9-59

Total Depth 6505'
12 midnight to 1:00 A.M. Lay down 9 Drill Collars, Pick Up 9 Drill Pipe and Bumper Sub, went in hole Broke circulation, 16 stands off bottom for 30 minutes, then ran to bottom circulat 1-1/2 hour, start out of hole laying down Drill Pipe @ 6 A.M. out of hole at 11:30 A.M., Rig up and start running 7" Casing @ 12:30 P.M. Finish @ 4:00 P.M. Ran 203 jts. 23#, 7" N-80 and J-55 30 jts., N-80 on casing at bottom, rest J-55. Thah measured 6525.82, Set @ 6505' K.B. Cement with 350 sacks reg. cement Plug down at 8:15 P.M., will run Temperature Survey.

10-10-59	Cut off 7" Casing. McCullough Ran temperature Survey @ 8:00 A.M., Top Cement @ 4520'. Top plug inside 7" Casing @ 6468' Install tubing Hanger. W.O.C. Release Rig @ 2:00 P.M. Began Tearing down.
10-11-59	Note! Wait on work over Rig from 10-11-59 to 11-5-59.
11-6-59	Rigging down and moving work over Rig from Ute Treail # 5 to Ute Trail # 6.
11-7-59	Finish Rigging work over Rig up. Pick up tubing and Ran in hole with 6-1/8" Bit to Displace Mud and Drill out Cement Plug.
11-8-59	Start 6:00 A.M. Finish Picking up Tubing displace Mud with Tubing Hangar Stripper, install BOP. Start drilling Cement Plug shut down @ 6:00 P.M.
11-9-59	Start 6:00 A.M., Finish drilling float and cement Circulate hole clean and come out of hole shut down @ 6:00 P.M.
11-10-59	6:00 A.M. Go in hole with Dowell Inc. Abrasijet tool On bottom and hooked up to Dowell @ 2:00 P.M., Started Abrasijet @ 2:07 P.M. Jet cut @ 6479, 6474, 6268, 6263', 6258, 6253, and 6248' (Apparently, Jet @ Zone Interval 6268' did not penetrate thru. casing as this Jet was washed out) Finish cutting @ 5:20 P.M., Reverse sand out with fresh water and displace hole with Salt water. Pull 2 stands tubing. Shut well in @ 7:00 P.M.
11-11-59	6:00 A.M. come out of hole with Tubing, lay down Dowell Jet Tool, go back in hole with open ended Tubing, wash and circulate Tubing to bottom, Mix Salt prepare to Frac shut down @ 6:00 P.M.
11-12-59	Start 6:00 A.M., Hook up Dowell Inc. to tubing spot 500 Gal Mud Acid across perfs. Pull Tubing back to approximate 6045' Acid set from 9:30 A.M. to 12:45 P.M. Waiting on Frac Trucks, Pressure Fono, Via Tubing to 2200 psi @ 12:45 P.M. Formation broke to 1800 psi, put Acid away Began Frac @ 1:09 P.M.. Start 20/40 Sand @ 1# Gal used 3,300#, Increase to 1.5# gal. used 15,000#. Increase to 2# gal., used 17000#, increase to 2.5# Gal. used 16,700#, Flush with fresh water treatment complete @ 1:35 P.M.

Max. treating Pressure 2400 psi @ 39 BPM fluid Min. Treating Pressure 2250 @ 41.0 BPM Fluid. Av Injection rate (with Sand Volumn Added) 42 bbls Per minute. Average Sand 2# /Gac. Total Treating Fluid 640 bbls Flush 280 bbls, Total Sand 52,000# Total Acid 500 Gal ⁄ 960# J-94 FLA im. SI 2,000 psi, 1 hr. SI 1800 psi. Will leave well shut in overnight.

11-13-59 Open well @ 6:00 A.M. TP 1000 psi. Flowing in tank av. approximate 80 bbls per hour. Frac fluid Rec. approximate 200 bbls in tank, Gas and Sand increasing had to turn flow to blowie Line flow til 6:00 P.M. Shut in overnight.

11-14-59 Open well @ 6:00 A.M. to Blowie Line making medium spray Water and Average 2,500000 CFGD. Flowing til 6:00 P.M. Realease work over Rig.

11-15-59 Shut in moving work over Rig off location.

11-16-59 Shut in TP 2150 CP 2125.

11-17-59 Open @ 9:00 A.M. T 2350, C 2500 making spray water some sand and 3 hr. test, Approximate 2000,000 CFGD.

11-18-59 Shut in Potential TP 2250#, CP 2300#, 4 hr. test potential 3,000,000 cu. ft. gas per day.

DEKALB NO. 6 UTE TRAIL UNIT

1090-1100 Shale gray-brown, brown, very light gray-brown, green-brown dolomite to limy, firm, blocky silty very slightly micaceoue trace siltstone, light gray, very light gray-white, very fine grained, calcareous.

1100-30 Siltstone, sandstone, light green-gray, green, white, very fine grained, micaceous, with very argillaceous streaks, with scattered black bitum flecks, calcareous, fair trace limestone, tan, cream-tan, crypto to xln, firm tite very slightly argillaceous trace red-purple and green, very slightly silty, calcareous, shale very weak trace gilsonite.

1130-50 Siltstone, sandstone as above with shale very light to medium gray, gray-green, green, very light red-brown, very light purple-red, calcareous, blocky silty very scattered trace gilsonite weak trace tan, den limestne.

1150-60 Siltstone, sandstone, light to medium gray, gray-green, very fine to fine grained, slightly micaceous, argillaceous calcareous with trace brown to black tarry oil stain and gilsonite flecks with fair trace silty gray, gray-tan, green gray shale, trace red-brown, very light red-purple, blocky calcareous shale.

1160-80 Siltstone, sandstone, and shale as above with good trace limestone, tan, cream-tan, crypto xln, firm.

1180-1200 Siltstone, sandstone very light gray, very light gray-green, very light gray-tan, very fine grained, calcareous, slightly micaceous, argillaceous with very weak trace black tarry oil stain, trace black gilsonitic flecks.

1200-10 Limestone, tan, cream-tan, crypto xln, firm, tite, with very slightly silty streaks, trace siltstone, sandstone and shale as above.

1210-20 Limestone as above with very good trace siltstone, sandstone, light gray-tan, very light gray, very light gray-green, very fine to fine grained, very calcareous, micaceous, with gilsonite to brown oil flecks.

1220-40 Siltstone, sandstone as above with white trace limestone, very spotty oil stain fair trace cut with CCl_4.

1240-50 Siltstone, sandstone as above becoming cleaner, better developed.

1250-70 Siltstone, sandstone, light gray very light gray-tan, very fine to fine grained, micaceous, very calcareous very argillaceous, with tan limy inclusions, weak trace brown oil stain, fair trace limestone tan, den.

1270-90 Siltstone, sandstne white, very light gray, very light gray-tan, very fine to fine grained, trace medium grained, micaceous calcareous, slightly argillaceous to very argillaceous with scattered very poor to fair trary brown oil stain, trace gilsonite trace interbedded, gray-tan, gray brown, silty calcareous shale.

DEKALB NO. 6 UTE TRAIL UNIT

1290-1300	Siltstone, sandstone as above with fair trace dolomite, gray-brown, brown-gray, den tite, argillaceous,
1300-50	Shale, gray-tan, light gray-brown, green-brown, firm, dolomite blocky very slightly micaceous with silty streaks, very weak trace siltstone, sandstone as above with brown oil stain trace tan, den limestone.
1350-60	Shale, gray-tan, very light gray-brown, green-brown, firm, blocky, dolomite, very slightly micaceous with very slightly silty streaks with interbedded dolomite-limestone tan, very light gray-tan, den tite, trace calcite weak trace gilsonite.
1360-80	Shale as above with good trace dolomite, cream-tan, gray-tan, crypto xln, very slightly argillaceous.
1380-1400	Shale as above with fair trace dolomite, as above with fair trace interbedded silty streaks scattered gilsonite.
1400-20	Shale as above with trace dolomite, tan, cream-tan, gray-tan den tite with scattered silty inclusions, trace gilsonite weak trace oil stain, very musty odor.
1420-50	Shale, gray-tan, gray-brown, green-tan, firm, blocky, dolomite very slightly micaceous with interbedded, dolomite cream tan, to tan, den firm, tite and silty and sandstone, very light gray, white, very light gray-tan, calcareous slightly micaceous, with trace brown oil stain.
1450-60	Shale as above with fair trace very light gray-tan, very light gray-brown, slightly micaceous, dolomite to calcareous, siltstone and very fine grained sandstone, trace dark cream-tan, firm, dolomite weak trace oil stain very musty odor.
1460-70	Siltstone sandstone, very light tan, very light gray-tan, very fine to fine grained, calcareous, very slightly micaceous, with very scattered trace porosity trace oil stain fair trace dolomite, cream-tan, den tite trace gray-tan dolomite shale.
1470-1500	Dolomite, dolomitic limestone, red-tan, tan, very light red-brown, crypto to micro-xln, den tite, very slightly silty trace gray-tan, gray-brown, dolomite firm shale weak trace oil stain, very musty odor trace gilsonite.
1500-40	Limestone, dolomite-limestone, very light gray-tan, tan, den tite with trace interbedded silty streaks and shale very light gray-tan, slightly micro-micaceous, calcareous to dolomitic, firm blocky, very scattered trace gilsonite.
1540-50	Limestone, dolomite-limestone as above with fair trace siltstone, light gray, gray, gray-tan, calcareous to dolomite, very firm, tite, trace gilsonite.
1550-70	Gilsonite, black, brittle, dull to very limy lustre firm to gummy plastic with fair trace siltstone, sandstone, light gray, very light green-gray, very fine grained, calcareous trace dolomite limestone as above.

DEKALB NO. 6 UTE TRAIL UNIT

1570-90	Siltstone, sandstone, light gray, gray-green, very light gray-tan, very fine grained, calcareous firm, slightly gilsonitic, trace dolomite limestone, gray-tan trace gilsonite considerable cavings, varicolored shale.
1590-1600	Interbedded siltstone, sandstone as above with trace heavy brown oil stain, and dolomitic limestone, trace gilsonite, trace gray-tan, green-tan dolomite shale.
1600-40	Limestone, dolomitic limestone, tan, gray-tan, slightly green-tan, micro-xln, den tite with scattered trace brown oil stain, trace interbedded, very light gray, silty streaks, musty odor.
1640-1700	Dolomite, dolomitic limestone, brown, gray-brown, gray-tan, tan, cream-tan, crypto to micro xln, slightly argillaceous very firm, tite, trace gray-brown, dolomite shale, musty odor very weak trace oil stain trace gilsonite
1700-40	Dolomite, dolomitic limestone, limestone, cream-tan to brown, gray-tan, crypto to micro xln, den, tite, slightly argillaceous with trace shale, light gray-tan, brown, dolomite, firm, blocky with very scattered weak trace oil stain, trace gilsonite, musty odor, trace nohculite.
1740-50	Siltstone, sandstone, very light gray, very fine to fine grained, calcareous, slightly argillaceous firm to fine appears water wet, trace light brown oil stain, dolomite, dolomitic limestone, very light to medium brown amber-brown, tan den tite.
1750-80	Dolomite, dolomitic limestone, tan to brown, cream- tan micro-xln, den tite with argillaceous streaks trace brown, gray-brown dolomte shale musty odor very slightly oil stain.
1780-90	Dolomite, dolomitic limestone as above with good trace shale, brown red-brown, very light gray-brown, tan, dolomite, brittle.
1790-1800	Dolomite and shale as above with good trace siltstone, sandstone, light gray, very fine to fine grained, calcareous firm trace friable, with very scattered trace brown oil stain, good strong musty odor.
1800-10	Dolomite, dolomitic limestone, brown, gray-brown, gray-tan, micro-xln, argillaceous firm, with tracd brown, gray-brown, dolomite shale, with trace siltstone, sandstone as above very weak trace oil stain.
1810-1900	Dolomite as above with fair trace vein filling calcareous trace pyrite very weak trace gilsonite weak trace brown oil stain very musty odor.

DEKALB NO. 6 UTE .AIL UNIT

1900-40	Dolomite, dolomitic limestone, brown to tan, gray brown to gray-tan, crypto to micro xln, argillaceous den tite with interbedded shale, brown, gray-brown, dolomite, brittle trace pyrite, very white trace gilsonite, to calcite trace very light tan, limy, shale.
1940-50	Siltstone, sandstone, very light gray very fine to fine grained, calcareous, with interbedded dolomite and shale as above.
1950-70	Dolomite, dolomitic limestone, brown to tan, gray-tan to brown crypto to micro-xln, argillaceous den tite with brown gray-brown dolomite shale trace sandstone as above.
1970-2000	Dolomite, dolomitic limestone as above becoming more limy with trace shale light green, light gray-green, blocky, calcareous with silty and very sandy inclusions.
2000-50	Shale, very light tan, tan brown, light gray-tan, earthy limy to dolomitic, very firm, blocky, laminated very light tan and brown, trace calcite, trace pyrite trace dolomite, dolomitic limestone, brown, den argillaceous.
2050-70	Shale as above very earthy, limy, trace dark brown, den dolomitic limestone.
2070-2100	Dolomite, dolomitic limestone, very light to dark brown, very light to dark tan, slightly earthy crypto to micro xln, slightly argillaceous very firm, den tite, with trace light to dark brown, very dolomitic, shale, trace calcite, very weak trace cut with CCl_4 very weak trace gilsonite.
2100-30	Dolomite, dolomitic limestone, as above slightly more argillaceous with interbedded shale as above very scattered light brown stain, and cut with CCl_4.
2130-2200	Dolomite, dolomitic limestone and shale as above with fair trace siltstone, sandstone very light gray very fine to fine grained, calcareous firm to friable, very soft scattered brown oil stain.
2200-50	Dolomite, dolomitic limestone as above with very good trace shale gray-brown, light to dark brown, tan laminated, dolomite slightly sub-waxy, lustre, very firm, blocky, very scattered trace light brown oil stain, musty odor, weak trace heavily oil stained, calcite.
2250-80	Shale very light to dark tan, very light to medium brown, dolomite to limy, firm, blocky, with moderate trace dolomite, dolomitic limestone as above, very musty odor, very slightly trace brown oil stain.
2280-2300	Dolomite, dolomitic limestone, limestone micro-xln, earthy firm, to soft with fair trace tan to brown, sub-waxy, dolomite shale, very weak trace brown oil stain

DEKALB NO. 6 UTE TRAIL UNIT

2300-50	Dolomite limestone, limestone, light to dark tan, light brown, micro-xln, earthy, slightly argillaceous firm to soft with good trace interbedded very light to dark brown very light to dark tan, sub-waxy dolomite, firm shale, very scattered brown oil stain, musty odor.
2350-2400	Shale as above with fair trace dolomite, dolomitic limestone, limestone argillaceous.
2400-50	Shale, light red-tan, tan, light brown resineous to waxy lustre, sub-fissle to blocky, dolomite with fair oil stain, trace dolomite very light tan, tan, den tite musty odor.
2450-90	Shale as above with poor to good trace dolomite, very light gray-brown, brown, tan, crypto to micro-xln, very den tite, slightly argillaceous, trace pyrite, scattered oil stain, musty odor.
2490-2500	Dolomite, dolomitic limestone, limestone buff-tan, tan, very light gray-tan, crypto to micro xln, very slightly argillaceous with fair trace firm, brittle, dolomite, tan to brown shale.
2500-20	Dolomite, dolomitic limestone, limestone as above with trace interbedded fair to brown gray-tan shale.
2520-30	Dolomite, dolomitic limestone, limestone, crypto to micro xln, den tite slightly argillaceous with scattered black specks and inclusions (mica & pyrite).
2530-40	Shale, very light tan, tan, buff-tan, dolomite to limy, firm, sub-fissle to blocky trace dolomite and limestone as above.
2540-50	Ash, very light gray, buff very light gray-tan, calcareous micaceous slightly pyritic, with shale as above trace dolomite limestone, den tite.
2550-2600	Dolomite, dolomitic limestone very light gray, buff, tan, crypto to micro-xln, slightly argillaceous den tite with trace very light gray-tan, tan, dolomite, firm shale.
2600-20	Dolomite, dolomitic limestone as above with increase in shale brown, tan, waxy with oil stain.
2620-60	Shale light tan, tan, light gray-tan, sub-fissle to blocky very calcareous to very dolomitic, sub-waxy slightly earthy with trace dolomite, dolomitic limestone as above, scattered trace oil stain, very musty odor.
2660-90	Shale light gray, very light gray-green, very light gray tan, tan, buff, dolomite to calcareous, firm, blocky, trace dolomite, light buff-tan, light gray, very light tan, weak trace dolomite dolomitic limestone, tan den argillaceous.
2690-2700	Dolomitic limestone, limestone, buff-tan, gray-tan, light tan, crypto to micro-xln, slightly argillaceous brittle with interbedded, tan to gray-tan, dolomite shale.

2700-10	Same as above.
2710-20	Dolomite, dolomitic limestone, light gray, very light gray-tan, very light gray-brown, crypto xln, slightly argillaceous very firm tite.
2720-40	Shale, light tan, tan, light gray-tan, very dolomitic to limy firm, brittle with trace dolomitic limestone, limestone, tan, den argillaceous.
2740-2800	Limestone, very light tan, tan, buff-tan, crypto to micro xln, slightly argillaceous firm, tite with trace light tan.
2800-20	Limestone as above, with fair trace sandstone very light gray, very fine grained, calcareous with trace micro-oolitic inclusions, very weak light brown oil stain.
2820-2900	Shale, light gray, very light gray-tan, tan, limy to dolomitic firm, brittle fair to good trace dolomite, dolomitic limestone, tan, den tite trace very light gray, very calcareous very thin ash beds.
2900-70	Limestone, light tan, tan, cream-tan, crypto to micro-xln very slignt argillaceous, brittle, trace shale, gray, gray-tan, brown calcareous.
2970-3000	Shale, gray, gray-green, gray-tan, firm, blocky, calcareous with scattered silty streaks, trace siltstone, sandstone, very light gray, very fine grained, calcareous micro-micaceous trace tan, cream tan limestone.
3000-30	Siltstone, sandstone, light gray-green, very light gray, very fine to fine grained, micaceous very calcareous slightly argillaceous with scattered trace light cream-tan, oolites micro fragment limestone, trace shale, very light gray, very light greay-green, very light gray-tan, slightly calcareous firm very scattered to no stain, trace pyrite.
3030-50	Siltstone, sandstone and shale as above becoming more shaly with fair trace limestone cream-tan, micro to crypto xln, den tite, trace micro white flecks, slightly ostracodal trace dark brown dolomite shale.
3050-60	Dolomite, dolomitic limestone, limestone cream-tan, very light red-tan, very light gray-tan, crypto to micro xln, den tite with very slight argillaceous streaks, very scattered silty and sandy streaks trace pyrite trace dark brown, brown, tan, sub-waxy dolomitic shale.
3060-70	Dolomite and dolomitic limestone as above with fair trace shale as above.
3070-80	Dolomite, dolomitic limestone, limestone, very light cream-tan, tan, very light brown, crypto to micro-xln, very slightly argillaceous firm, tite with trace interbedded tan to brown, dolomite to calcareous shale very scattered silty streaks, trace gray-green, sub-waxy shale trace pyrite.

DEKALB NO. 6 - U[illegible] TRAIL UNIT

3080-3100	Dolomite, dolomitic limestone, limestone, and shale as above with increase in silty and sandy inclusions.
3100-3110	Dolomite limestone, limestone, cream-tan, tan, very light red-tan, crypto to micro-xln, very slightly argillaceous den tite with scattered silty and sandy inclusions, with interbedded shale light gray-tan, tan, cream-tan, dolomite, sub-waxy, trace pyrite, with scattered weak trace brown, tarry oil.
3110-30	Dolomite, limestone as above with very good trace shale as above with scattered weak trace brown tarry oil.
3130-50	Limestone dolomitic limestone, very light cream light cream-tan, tan, crypto to micro-xln, very slightly oolitic fair trace ostracods, very fair trace interbedded very light gray-tan, tan, light gray, firm, calcareous shale.
3150-60	Limestone, dolomitic limestone and shale as above with good trace shale very light green, very light gray-green sub-waxy lustre, calcareous trace pyrite with trace light gray, calcareous micaceous siltstone.
3160-3200	Siltstone, sandstone with very light gray, very fine grained, calcareous slightly micaceous, slightly argillaceous with good trace interbedded shale, very light gray, gray very slightly micaceous, calcareous firm, blocky, very scattered trace interbedded laminations of light gray-tan tan, limestone.
3200-10	Shale, very light gray, very light green-gray, firm, blocky slightly calcareous with interbedded thin very silty and very sandy streaks, calcareous micro-micaceous, with very scattered trace tan to gray micro-oolites.
3210-40	Limestone, very light to dark cream-tan, crypto to micro-xln, and fragment, very slightly oolitic, with scattered very silty and sandy streaks, firm, tite, with trace interbedded very light gray, green shalystreaks.
3240-50	Shale, light gray, very light gray-green, firm, blocky, slightly calcareous with scattered very slity and very sandy inclusions, calcareous firm tite.
3250-80	Silstone, sandstone light gray, with light tan very fine grained, calcareous very slightly micro-micaceous, well sorted firm to friable with very poor to fair porosity, good scattered to saturated, light brown oil stain trace tan, cream-tan, micro-xln, very slightly oolitic limestone.
3280-90	Missing.
3290-3300	Siltstone, sandstone, very light gray, gray, very fine to fine grained, calcareous very slightly micaceous, slightly argillaceous with good trace interbedded, cream-tan, ostracodal, micro-xln limestone trace gray very light gray shale, very scattered trace very light brown oil stain.

DEKALB NO. 6 - UTE TRAIL UNIT

3300-10	Interbedded siltstone, sandstone, very light gray, very light green-gray, very fine grained, calcareous and limestone, cream-tan, tan crypto to micro-xln, oolitic, trace gray-green, light gray, calcareous firm shale, scattered very light tan and brown oil stain.
3310-20	Shale, light gray-green, light gray, very light tan-gray, calcareous, firm, sub-blocky with fair trace limestone, cream-tan, micro-xln, slightly oolitic and ostracodal trace siltstone and sandstone.
3320-40	Siltstone, sandstone, very light gray, very light green-gray, very fine to fine grained, calcareous, firm to friable with interbedded thin streaks, cream-tan, oolitic and ostracodal limestone, trace shale as above very scattered trace light tan oil stain.
3340-60	Shale, light gray, gray-green, light green, calcareous, firm blocky with sub-waxy lustre trace interbedded siltstone, sandstone and limestone as above.
3360-90	Shale as above with fair trace cream-tan, tan, crypto to micro xln, very slightly oolitic and ostracodal trace very silty and very sandy inclusions.
3390-3400	Siltstone, sandstone, very light gray, very light tan, light tan-gray, very fine to fine grained, calcareous, firm to friable with fair trace interbedded tan, micro-xln oolitic and ostracodal limestone, scattered fair to very poor porosity with good scattered brown oil stain.
3400-10	Siltstone, sandstone as above with decrease in limestone, good brown oil stain.
3410-20	Siltstone, sandstone as above with scattered trace interbedded limestone good brown oil stain, very good brown oil stain, very good trace shale gray-green, light gray, calcareous, firm blocky.
3420-40	Siltstone, sandstone very light gray, very light green-gray, very fine to fine grained, calcreous, very slightly micro-micaceous, firm, tite with interbedded light gray gray-green, light green, calcareous blocky shale, trace "stained" sandstone as above.
3440-50	Siltstone, sandstone, very light tan-gray, very light gray, very fine to fine grained, calcareous, slightly micro-micaceous, friable with good porosity, good even light brown to tan oil stain.
3450-60	Siltstone, sandstone as above with good trace light gray-green, light gray, calcareous shale.
3460-70	Siltstone, sandstone as above trace tan, light tan, macro oolitic streaks in siltstone and sandstone firm, tite, with very good trace light gray-green, light gray, calcareous shale.

DEKALB NO. 6 UTE T..IL UNIT

3470-80	Siltstone, sandstone as above becoming micro to very fine oolitic very scattered trace light brown to tan oil stain moderate trace shale gray-green, green, firm, calcareous
3480-3500	Siltsone, sandstone, very light gray with light tan-gray, very fine to fine grained, calcareous very slightly micro micaceous very firm to friable trace micro-oolitic streaks very scattered light brown to tan oil stain, trace gray-green calcareous shale.
3500-20	Siltstone, sandstone as above with very scattered tan to brown oil stain, very scattered trace limestone cream-tan tan, micro-xln, slightly oolitic trace gray, gray-green shale.
3520-30	Shale, gray, gray-green, slightly micro-micaceous very slight carbonaceous, sub-fissle firm with trace limestone, tan, cream-tan, dark tan, crypto to micro-xln, with trace micro-oolites, scattered silty and sandy streaks.
3530-40	Siltstone, sandstone, very light gray, very light gray-green very fine to fine grained, calcareous slightly micro-micaceous with very scattered trace tan, cream-tan, limestone, slightly oolitic, very scattered patch tan oil stain, trace shale, gray-tan, gray-green, gray, calcareous firm, sub-blocky.
3540-50	Shale, light gray, gray, gray-green, slightly calcareous, with siltstone, sandstone as above.
3550-70	Siltstone, sandstone, very light gray, very light green-gray very fine to fine grained, calcareous, very slightly argillaceous, very slightly micro-micaceous with trace interbedded, tan limestone, trace gray, gray-green, calcareous shale.
3570-90	Shale, light gray-green, gray, calcareous firm blocky with fair trace interbedded silty and sandy streaks as above.
3590-3600	Shale as above with very silty and very sandy streaks trace limestone, tan, red-tan, micro xln, very slightly oolitic, and ostracodal.
3600-10	Shale light gray, gray, gray-green, slightly calcareous firm, sub-blocky with scattered very silty and very sandy streaks, very white trace limestone tan, cream-tan, den slightly oolitic and ostracodal.
3610-30	Shale, light gray-tan, light green-tan, tan, light gray, calcareous sub-fissle firm weak trace tan, buff-tan den limestone.
3630-50	Shale as above with fair trace shale very dark brown, brown sub-waxy dolomite with oil stain trace limestone dolomitic limestone, tan, den tite trace amber-tan chert.

DEKALBNO. 6 UTE TRAIL UNIT

3650-60	Shale, brown, dark-brown, gray-tan, firm, dolomite, sub-waxy with interbedded thin streaks, limestone, light tan, very light gray-tan, slightly oolitic and ostracodal, slightly heavily saturated with dark brown hi-pour point oil.
3660-80	Shale as above with gray-gray-green, slightly calcareous shale fair trace siltstone, sandstone very light gray, very light green-gray, very fine to fine grained, calcareous very slightly argillaceous trace limestone cream-tan, tan, micro xln, slightly oolitic very scattered brown oil stain.
3680-3700	Siltstone, sandstone, light gray, very light tan-gray, very fine to fine graind calcareous, very slightly micro-micaceous, firm to very friable with scattered fair porosity, scattered light brown to tan oil stain appears water wet, trace gray, gray-green, shale.
3700-20	Shale light gray, gray, gray-brown, brown, firm,calcareous with trace siltstone, and sandstone as above.
3720-50	Siltstone, sandstone, very light gray, tace very light tan, gray, very fine to fine grained, calcareous firm, with very scattered trace poor porosity with very spotty brown oil stain, fair trace gray, very light gray, very light gray-tan shale, trace limestone tan, gray-tan, den tite scattered trace oolites.
3750-3800	Siltstone, sandstone as above with decrease in shale and limestone, good porosity with very poor scattered trace brown oil stain.
3800-10	Shale, light gray-green, gray, light gray, firm, slightly calcareous with scattered very silty and sandy streaks, slightly micro-micaceous.
3810-20	Siltstone, sandstone very light gray, very fine to fine grained, calcareous very slightly micro-micaceous, firm tite with trace shale light gray, gray-green, calcareous firm, trace brown, tan, waxy dolomite shale.
3820-70	Shale, light gray, light gray-green, calcareous firm, with brown, tan, waxy dolomite shale scattered very silty and sandy inclusions very slightly micro-oolitic.
3870-3900	Siltstone, sandstone, light gray, gray-green, very fine to fine grained, calcareous, micro-micaceous, slightly argillaceous with good trace shale, gray, gray-green, very light gray, slightly calcareous, firm, with very silty streaks.
3900-10	Shale, gray-green, light gray, gray, calcareous, firm, blocky with considerable thin silty and sandy inclusions.
3910-20	Siltstone, sandstone, very light gray, very fine grained calcareous with good trace shale as above
3920-40	Shale, light gray light gray-green, calcareous with scattered very silty inclusions, very weak trace very light gray, very fine grained, sandstone.

DEKALB NO. 6 UTE TRAIL UNIT

3940-70	Shale as above with trace limestone, tan, very light red-tan, crypto xln, trace gray-brown, gray-tan, brown, calcareous, sub-waxy shale, trace very light gray, very light gray-tan, very fine to grained limy sandstone.
3970-80	Siltstone, sandstone, very light gray, very light green-gray, very fine to fine grained, slightly micaceous, calcareous to limy, slightly pyritic very fimr tite, slightly micro-oolitic, with scattered tsace very poor porosity no show, fair trace gray, gray-green, calcareous slightly carbonaceous shale.
3980-90	Shale, gray, gray-green, firm, sub-blocky, calcareous very slightly micro-micaceous with very silty and sandy inclusions trace siltstone and sandstone as above.
3990-4000	Siltstone, sandstone, as above with fair trace interbedded gray, gray-green shale.
4000-80	Interbedded shale gray, gray-green, very light gray, firm, blocky, calcareous with silty streaks and sandstone, very light gray white, very fine grained, calcareous, slightly micro-micaceous, trace pyrite, very slightly light tan, micro-oolitic.
4080-4100	Shale gray, gray-green, very light gray, firm, sub-fissle to blocky, calcareous slightly silty.
4100-10	Siltstone, sandstone, very light gray, slightly light green-gray, very fine grained, calcareous very slightly argillaceous with scattered limy to micro-oolitic streaks fair trace shale as above.
4110-20	Dolomitic limestone very light gray-tan, buff-tan, crypto xln, slightly argillaceous with very slightly oolitic streaks with trace shale light gray, very light green-gray, firm, blocky calcareous.
4120-30	Dolomitic limestone as above with fair trace light gray-tan, light tan, sub-waxy dolomite shale firm blocky.
4130-40	Shale, light gray-tan, tan, light gray-brown, waxy sub-waxy dolomite, firm, blocky trace dolomite gray-brown, brown den slightly argillaceous.
4140-50	Shale as above with fair trace green-gray, light gray, calcareous shale trace light gray-tan, tan, den slightly argillaceous dolomitic limestone.
4150-80	Shale as above with increase in limestone.
4180-4200	Shale as above with fair trace limestone, trace sandstone very light gray, very fine grained, limy, slightly pyritic slightly micaceous.
4200-40	Shale as above with fair trace limestone, tan, very light tan, crypto xln den tite with slightly argillaceous streaks trace sandstone very light gray, white, very fine grained limy, very firm, tite, very slightly micro-micaceous.

DEKALB NO. 6 UTE TRAIL UNIT

4240-50	Shale light gray, light gray-green, light tan-gray, firm, blocky, slightly calcareous, with interbedded thin stringers sandstone, very light gray, white, very fine grained, calcareous to limy, slight micro-micaceous, trace brown, micro carbonaceous flecks.
4250-60	Sandstone, light gray, light tan, very fine to fine grained, calcareous slightly micaceous firm to friable with poor to poor porosity with very good light brown oil stain, with trace gray, gray-green, calcareous shale.
4260-4300	Siltstone, sandstone, shite, very light gray, very fine grained, calcareous to limy with interbedded limestone, tan, gray-tan crypto to micro-xln, with interbedded dark brown, brown, waxy dolomite shale, trace gray, light gray, calcareous shale, very scattered light tan, very spotty oil stain.
4300-20	Shale, gray, gray-greem, gray-tan, tan, firm, blocky, calcareous sub-waxy lustre with very scattered silty streaks.
4320-40	Shale as above with fair trace siltstone, very light gray, calcareous firm tite.
4340-70	Shale, light gray-green, gray-green, very light gray-tan, sub-waxy lustrea, calcareous with fair trace interbedded siltstone, sandstone, very light gray, very light gray-green, very fine grained, calcareous.
4370-90	Siltstone, sandstone, very light gray-brown, dark-tan, very fine to fine grained, very dolomitic matrix slightly micaceous very firm, tite with trace shale gray-green, light gray, calcareous firm, blocky trace dolomite, tan, gray-tan, den tite scattered trace tan oil stain.
4390-4400	shale light gray-green, light gray, calcareous firm, blocky with moderate trace siltstone, sandstone as above.
4400-30	Shale, light gray-green, light gray, light gray-tan, tan, calcareous firm, sub-blocky with scattered very light gray to very light gray-tan, calcareous siltstone inclusions.
4430-4500	Shale, very light to very dark brown, gray-brown, tan, gray-green, sub-fissle to blocky, waxy lustre slightly dolomitic trace oil stain.
4500-70	Shale as above with very scattered fair trace brown, gray-brown, den argillaceous dolomite.
4570-80	Shale as above with trace oolitic and ostracodal, light brown, den to micro xln limestone, trace siltstone, sand-stone, very light gray, very fine grained.
4580-90	Shale as above with trace dwarded fossil fragment and impressions.
4590-4600	Shale as above with fair trace fossil fragment and impressions trace limestone brown, micro-xln den tite, trace siltstone light gray, light gray-green, calcareous, slightly argillaceous

DEKALB NO. 6 UTE TRAIL UNIT

4600-20 Shale, brown, gray-brown, gray-tan, tan, plastic, waxy lustre, slightly dolomitic, sub-fissle to blocky, with trace interbedded, light to dark brown, gray-brown, limestone, ostracodal, micro xln, den tite trace irresdecent fossil shell fragment, trace siltstone, very light gray, very calcareous firm tite.

4620-30 Siltstone, sandstone, very light gray, very light gray-green white, very fine to medium grained, angular to sub-angular clear frosted quartz grains with occasional trace gray to black chert grains, calcareous very slightly micro-micaceous firm to friable with scattered trace very poor porosity, fair trace shale as above.

4630-40 Shale, gray-brown, very light to dark brown, slightly dolomitic, firm, blocky to sub-fissle, waxy trace dolomite, gray-brown, brown den trace siltstone as above.

4640-90 Sandstone, white, very light gray, very light tan-white, fine to meidum grained, angular to sub-angular clear frosted with occasional trace very light pink, very light orange quartz grain with occasional trace gray to black chert grains micro-micaceous calcareous, fair sorting, celam firm to friable with scattered fair to very poor porosity very scattered trace brown oil stain trace gray shale.

4690-4700 Shale, gray, gray-green, sub-waxy lustre, calcareous very slightly micro-micaceous with carbonaceous shale firm, blocky with trace sandstone as above.

4700-4790 Interbedded shale as above and siltstone sandstone, white, very light gray, very fine to meidum calcareous, slightly micaceous with very scattered trace very light green interstitial clay flecks, very firm to friable with very scattered trace very poor porosity, very scattered white light tan oil stain.

4790-4800 Shale, gray, gray-green, slightly micro-micaceous, slightly calcareous firm blocky, very sub-waxy lustre with trace silty inclusions, trace sandstone white, very light gray, very fine to fine grained, calcareous very slightly micaceous, trace glauc.

4800-20 Shale as above with increase in sandstone.

4820-50 Shale brown, tan, gray, gray-green, calcareous to dolomite, firm, blocky, with trace limestone, tan, micro-xln, trace ostracoda, trace sandstone as above trace fossil fragment.

4850-60 Shale, gray-brown, brown gray-tan, very dark brown-gray, sub-waxy, dolomite calcareous with fossil irredescent shell fragment.

4860-70 Shale as above with interbedded siltstone, sandstone, very light gray, very fine grained, wery slightly oolitic and ostracodal.

4870-90 Siltstone, sandstone, very light gray, very light buff-gray, very fine to fine grained, calcareous to limy, slightly micro-micaceous slightly argillaceous with trace gray, light gray, calcareous very scattered trace ostracodal.

DEKALB NO. 6 UTE TRAIL UNIT

4890-4900	Siltstone, sandstone as above with very good trace shale gray, gray-green, calcareous firm, blocky.
4900-10	Shale, gray, gray-green, calcareous blocky with very silty inclusions.
4910-30	Shale as above with fair trace brown, red-brown, gray-brown, very limy firm, blocky, shale trace limestone, very light brown, very light gray-brown, micro-xln, slightly argillaceous trace ostracodal.
4930-40	Limestone, as above with trace intert, gray-brown, brown, calcareous shale, trace ostracoda.
4940-50	Limestone tan, light brown, light gray-tan, crypto to micro xln, finely fragment, very scattered trace ostracoda, trace argillaceous inclusions, trace gray-tan, gray-brown calcareous shale.
4950-90	Limestone as above with fair trace shale gray-brown, light brown, trace gray, firm calcareous blocky very white, trace amber brown and tan, chert, trace ostraooda.
4990-5000	Shale, gray-brown brown, gray-tan, gray-tan, gray-green, sub-waxy lustre calcareoustrace slightly dolomitic firm, blocky trace limestone as above trace ostracoda very weak trace light amber tan chert.
5000-10	Dolomite, dolomitic limestone, gray-tan, gray-brown, brown micro-xln, argillaceous, firm blocky with interbedded very light gray-brown, very light gray-tan, dolomite, firm shale with weak trace oolitic very light red-tan, limestone, with silic, cement.
5010-20	Dolomite, dolomitic limestone, as above with increase in argillaceous inclusions and shale, very scattered and occasional trace ostracoda.
5020-30	Interbedded siltstone, sandstone, very light gray, very light gray-green, very fine grained, calcareous and limestone and shale as above.
5030-40	Interbedded siltstone, sandstone very gray, very light gray-green, very fine grained, calcareous and limestone, light tan, very light gray-tan, very light gray-brown, crypto to micro-xln, argillaceous with trace gray, gray-brown dolomite to limy shale.
5040-50	Limestone, brown, gray-brown, light gray-tan, crypto to micro xln, very scattered trace ostracoda very slightly argillaceous very firm, tite, with trace sandstone, very light gray, very fine grained, calcareous.
5050-70	Shale, light gray-green, very light gray, green purple-red, red-brown, gray-red, yellow-gray meta-bentonite, slightly calcareous, with scattered silty streaks.
5070-5100	Shale as above with fair trace siltstone, sandstone, very light gray-green, very fine grained calcareous, varicolored quartz grains, slightly micro-micaceous.

DEKALB NO. 6 UTE TRAIL UNIT

5700-5800	Shale, rusty-red, red-brown, purple-red, gray-red, with trace gray-green, green, yellow, meta-bentonite slightly calcareous with occasional trace gypsum, very scattered silty and sandy inclusions.
5800-60	Shale, rusty-red, red-brown, purple-red, gray-red, with fair trace gray-green, gray, firm, blocky, slightly calcareous, slightly meta-bentonite, with trace gypsum occasional silty and sandy inclusions.
5860-5900	Shale as above with scattered very silty and very sandy inclusions, very fine to medium grained, angular to sub-rounded slightly varicolored quartz grains, with trace clear and frosted quartz grains, trace gray to black chert grains, calcareous micaceous, firm tite, very scattered trace gypsum.
5900-20	Shale rusty-red, red-brown, purple-red, red-gray, with trace gray-green, gray, meta-bentonite slightly calcareous firm, blocky with scattered silty and very sandy inclusions
5920-30	Shale as above with increase in gray, gray-green, shale scattered very sandy streaks.
5930-50	Shale as above with siltstone, sandstone, very light gray, very light gray-green, very fine to medium grained, calcareous slightly micaceous trace micro-limestone nodules, trace gypsum.
5950-70	Siltstone, sandstone, sand, light green-gray, very light green-white, very fine to medium grained, angular to sub-rounede clear frosted, with trace light orange, very light pink quartz grains, trace gray to black chert grains, micaceous, slightly calcareous, kaolinitic firm tite with fair trace shale as above trace gypsum.
5970-6000	Shale rusty-red, red-brown, purple-red, gray-green, yellow red, meta-bentonite, slightly calcareous firm blocky with very scattered very silty and very sandy streaks.
6000-10	Shale rusty-red, red-brown, purple-red, gray-green, yellow, meta-bentonite, slightly calcareous firm blocky with scattered trace white succrosic gypsum, very scattered silty inclusions.
6010-20	Shale as above with very soft bentonite, light rusty-red shale, trace gypsum .
6020-40	Siltstone, sandstone, very light gray, very light gray-green very fine to fine grained, calcareous micaceous with shale as above.
6040-6100	Shale rusty-red, red-brown, purple-red, gray-green, slightly calcareous firm blocky with trace siltstone and sandstone as above trace gypsum trace black carbonaceous splintery shale.
6100-10	Shale as above with trace light gray, light green-gray, very fine to fine grained, calcareous micaceous sandstone, firm, tite.

DEKALB NO. 6 UTE TRAIL UNIT

6110-40	Shale, rusty-red, red-brown, purple-red, gray-green, slightly calcareous firm, blocky slightly meta-bentonite with very scattered very silty and very sandy inclusions.
6140-50	Missing.
6150-60	Shale as above with scattered silty and sandy inclusions.
6160-70	Missing.
6170-80	Shale, varicolored with predominate of reds and gray-greens slightly calcareous, meta-bentonite with trace very soft, buff, very light gray, very light orange-brown, very bentonitic shale trace silty and sandy inclusions.
6180-6200	Shale as above with soft very bentonitic shale, fair trace silty and sandy inclusions.
6200-20	Shale as above with trace siltstone, sandstone, very light gray, very fine grained, calcareous kaolinitic hard tite
6220-30	Shale, rusty, red, red-purple, red-brown, trace gray, gray-green, firm, blocky, slightly calcareous with interbedded siltstone, sandstone, very light gray, very light gray-green, green, very fine to fine grained, calcareous slightly micaceous, slightly kaolinitic, hard tite.
6230-40	Shale as above with considerable white buff, very light orange, putty like, very bontonitic shale, silty and sandy trace siltstone, sandstone, light gray to green, very fine grained, calcareous, argillaceous.
6240-50	Siltstone, sandstone, very light gray, very light gray-green very fine to medium grained, angular to sub-rounded, clear, frosted, with trace varicolored quartz grains, trace black to gray chert, micaceous, calcareous kaolinitic, slightly argillaceous, firm tite, trace shale as above.
6250-60	Silststone, sandstone as above becoming better developed, with fair trace sandstone, white, very light green-white, fine to medium grained, trace medium coarse, angular to sub-rounded, clear white, frosted with occasional very light pink and orange quartz grains, trace gray to black chert, slightly micaceous, trace very light green interstitial clay flecks, kaolinitic calcareous poorly sorted, very firm to friable with scattered very poor to poor porosity, trace varicolored shale cavings.
6260-70	Siltstone, sandstone as above with very scattered very poor porosity, trace gray-green, slightly calcareous interbedded shale.
6270-80	Siltstone, sandstone as above with moderate trace gray, gray-green, firm, blocky, shale with scattered silty streaks, trace red-brown, red-purple firm blocky to soft lumpy shale.
6280-90	Siltstone, sandstone becoming very dense firm, finer grained, moderate trace shale.

DEKALB NO. 6 UTE TRAIL UNIT

6290-6300 Siltstone, sandstone, white, very light gray, very light green-gray, very fine to fine grained, occasional medium grained, calcareous slightly micaceous kaolinitic with scattered light gray argillaceous streaks, very firm, tite with fair trace light red-brown brick red, light gray, gray-green, slightly calcareous shale.

6300-30 Siltstone, sandstone, as above with interbedded with varicolored shale predominate red-brown.

6330-80 Siltstone, sandstone, very light gray-green, light green, very fine to fine grained, slightly micaceous, calcareous, slightly argillaceous with interbedded gray-green, firm, blocky, silty shale, trace varicolored shale.

6380-90 Siltstone, sandstone, gray-green, green, very light gray, very fine to fine grained, calcareous slightly micaceous, kaolinitic slightly argillaceous very firm tite, with interbedded gray-green, green, rusty-red, red-purple, yellow, firm, blocky shale.

6390-6400 Siltstone, sandstone as above becoming predominate siltstone and argillaceous with fair trace shale as above.

6400-30 Shale, gray-green, gray, red-brown, very firm, blocky with scattered silty streaks, trace siltstone, gray-green, slightly micaceous calcareous argillaceous, very firm tite, with occasional trace very fine grained very light gray sandstone.

6430-40 Siltstone, sandstone very light gray, very light green, very fine to fine grained, slightly micaceous calcareous, argillaceous firm, tite with fair trace gray-green, red-brown, slightly calcareous firm, blocky shale trace gypsum

6440-50 Shale as above with fair trace siltstone, and sandstone as above.

6450-60 Siltstone, sandstone as above with very good trace shale as above plus very soft bentonite white to very light orange shale.

6460-70 Siltstone, sandstone, very light gray, very light gray-green, white, slightly saltand pepper, very fine to medium grained angular to sub-rounded clear frosted with trace very light orange, very light pink quartz grains, with trace gray to black chert grains, micaceous calcareous, kaolinitic with scattered argillaceous streaks, trace very light green interbedded clay flecks, poorly sorted, very firm to friable with very scattered trace very poor to poor porosity 22 units methane in mud, 10 units in sandstone fair trace shale cavings as above.

6470-75 Siltstone, sandstone as above with very good trace shale red-brown, rusty-red, gray, gray-green, lavendar yellow, firm, blocky, slightly calcareous with very scattered silty streaks.

DEKALB NO. 6 UTE TRAIL UNIT

6475-80	Siltstone, sandstone as above with good trace shale as above.
6480-90	Shale gray, gray-green,red-brown, rusty-red, red-purple, purple, firm, meta-bentonite, blocky, slightly calcareous, with trace silty streaks, trace siltstone, sandstone as above.
6490-6500	Interbedded shale and siltstone, and sandstone as above.
6500-05	Same as above.
6505	Shale varicolored, slightly calcareous, meta-bentonite firm, blocky with trace interbedded silt and sandstone.

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER
UNIT Ute Trail Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1959,

Agent's address Box 523
Vernal, Utah

Company DeKalb Agricultural Assn., Inc.

Signed [signature]

Phone 1073

Agent's title Manager and Vice President

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NENE 8	10S	22E	1	-0-	-0-	-0-	-0-	-0-	-0-	Shut In.
NENE 17	10S	22E	2	-0-	-0-	-0-	-0-	-0-	-0-	Abandoned
NENE 16	10S	22E	3	-0-	-0-	-0-	-0-	-0-	-0-	Shut In.
NENE 27	9S	20E	4	-0-	-0-	-0-	-0-	-0-	-0-	Shut In.
NENE 23	9S	20E	5	-0-	-0-	-0-	-0-	-0-	-0-	Still Testing after re-perforating zone 6230 to 6260, fraced with 1,000 Gal. Salt Water, 75,000# Sand.
NENE 24	9S	20E	6	-0-	-0-	-0-	-0-	-0-	-0-	Totdal Depth - 6505' Waiting on Work-Over Rig to Complete.
NENE 4	10S	22E	7	-0-	-0-	-0-	-0-	-0-	-0-	Total depth- 5510', Ran 5-1/2" Casing, Now W. O. C.
NWNW 22	10S	22E	8	-0-	-0-	-0-	-0-	-0-	-0-	Testing After Frac. Making Est. of 1 Million Cu. Ft. Gas per day.

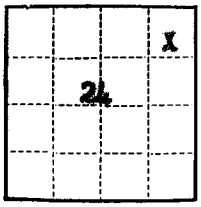
NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-8 U. S. GOVERNMENT PRINTING OFFICE

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-0579
Unit DeKalb-Sun # 6
UTE TRAIL UNIT

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 19, 19 59

Well No. 6 is located 660 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 24

NE/4 NW/4 Section 24 (¼ Sec. and Sec. No.) T-9-S (Twp.) R-20-E (Range) S. L. M. (Meridian)

Wildcat (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4768 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11-9-59: Drilling completed 10-12-59, waited for work-over rig until 11-8-59. Moved in rig.
11-10-59: Abrasijet the following zones with 15,000# Sand, 6479', 6474', 6268', 6263', 6258', 6253' and 6248'.
11-12-59: Fraced with 640 bbls Salt Water, 260 Bbls. Flush, 52,000# Sand. Average injection rate 42 bbls. per minute with sand. Maximum Treating Pressure 2400#, Min. Treating Pressure 2250#, Immediate Shut In 2000#, 1 hour shut in 1800#.
11-13-59: Flowing to clean up.
11-17-59: 6 hour test, Casing pressure 2500#, Tubing Pressure 2350#, Flowing an estimate of 3,000,000 Cu. Ft. Gas per Day. Well Shut In.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address P. O. Box 523

Vernal, Utah

By J. R. Ray

Title Production Supt.

GPO 862047

DEKALB

Agricultural Association Inc.
COMMERCIAL PRODUCERS AND DISTRIBUTORS OF AGRICULTURAL PRODUCTS

U. S. Oil Division
P. O. BOX 523
VERNAL, UTAH
TELEPHONE 1073

December 12, 1959

Havenstrite Oil Company
811 West 7th Street
Los Angeles, California

Sun Oil Company
P. O. Box 903
Salt Lake City, Utah

Mr. O. H. Calhoun
3408 Via Oporto
Newport Beach, California

Sun Oil Company
P. O. Box 1798
Denver, Colorado

United States Geological Survey
457 Federal Building
Salt Lake City, Utah

State of Utah
310 Newhouse Building
Salt Lake City, Utah

RE: Ute Trail Unit

Gentlemen:

Enclosed please find for your files a Log of Oil or Gas Well on the # 6 and 7 Ute Trail Unit, Uintah County, Utah.

Yours very truly,

DEKALB AGRICULTURAL ASSN., INC.
U. S. Oil Division

M. C. Johnson
Geologist

MCJ/dc
Encl.

Form 9-331a
(Feb. 1961)

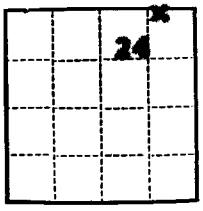
Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Salt Lake City, Utah

Land Office U-0579

Lease No. Ute Trail

DeKalb-Sun # 6



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
Notice of Intent to Clean out Well	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 24, 19 61

Well No. 6 is located 660 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 24

NENE Section 24 (¼ Sec. and Sec. No.) T-9-S. R-20-E (Twp.) Uintah (Range) S.L.B.M. (Meridian) Utah

Wildcat (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4766 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs; cement-

This well was placed on production into the Mt. Fuel Pipe Line on November 7, 1961. The well Logged off and would not produce. A steel line was run in the well, a sand bridge was found @ 6059', approximately 200 feet above the upper producing zone. A rig was moved over the well on November 20, 1961, to clean out and check production. It is intended to re-frac the interval 6263'-6268'and 6248'w/treated water.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

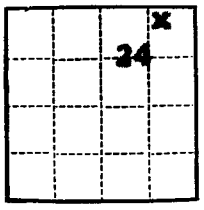
Address BOX 523
Vernal, Utah

Original Signed by
By J. [illegible]
Prod. Drilling Supt.

Title

GPO 862040

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City, Utah
Lease No. U-0579
Unit Ute Trail
DeKalb-Sun # 6

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Notice of Intent to Clean out Well X	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 24, 1961

Well No. 6 is located 660 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 24

NENE Section 24 (¼ Sec. and Sec. No.) T-9-S, R-20-E (Twp. / Range) S.L.B.M. (Meridian)

Wildcat (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4768 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This well was placed on production into the Mt. Fuel Pipe line on November 7, 1961. The well Logged off and would not produce, A steel line was run in the well, a sand bridge was found @ 6059', approximately 200 feet above the upper producing zone. A rig was moved over the well on November 20, 1961, to clean out and check production. It is intended to re-frac the interval 6263'-6268'and 6248'w/treated water.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address BOX 523
Vernal, Utah

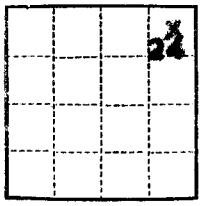
By R. F. Fullerton

Title Prod. Drilling Supt.

GPO 862040

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah
Lease No. U-0579
Unit Ute Trail
DeKalb-Sun #6

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 30, 19 61

Well No. 6 is located 660 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 24

NW¼ Section 24 (¼ Sec. and Sec. No.) | T-9-S. (Twp.) | R-20-E (Range) | S.L.B.M. (Meridian)

Wildcat (Field) | Uintah (County or Subdivision) | Utah (State or Territory)

The elevation of the derrick floor above sea level is 4768 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

November 25, 1961: Set Bridge Plug at 6318, Treated interval 6248', 6264', 6268'. Landed tubing at 6230'. Treated with 18,000 Gal. Treated Water, 10,000# Sand, 1,000# Walnut Hulls. MDP-2400# Treating Pressure 2200# - 2300#. Max. Pressure 2500#. Average Inj. rate 22.2 bbls/min. Flushed with 8100 Gal. Will drill out Bridge Plug. Flow well & Complete.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address BOX 523

Vernal, Utah

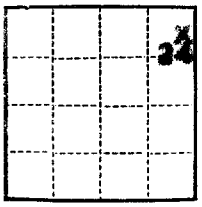
By Original Signed by J. F. TABACCHI

Title Prod. Drilling Supt.

GPO 862040

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah
Lease No. U-0579
Unit Ute Tribal
Location # 6

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 30, 19 61

Well No. 6 is located 660 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 24

NENW Section 24 (¼ Sec. and Sec. No.) T-9-S. (Twp.) R-22-E (Range) S.L.B.&M. (Meridian)

Wildcat (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4768 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

November 25, 1961: Set Bridge Plug at 6310, Treated interval 6248', 6264', 6268'. Landed tubing at 6230'. Treated with 18,000 Gal. Treated water, 10,000# Sand, 1,000# Walnut Hulls. BDP-2400# Treating Pressure 2200# - 2500#. Max. Pressure 2500#. Average inj. rate 22.2 bbls/min. Flushed with 8100 Gal. Will drill out Bridge Plug. Flow well & Complete.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address BOX 521

Vernal, Utah

By Original Signed by J. E. BABCOCK

Title Prod. Drilling Supt.

GPO 862040

Gellman Well

6/6/67

Natural Buster #2 Lead @ 3297 - squeezed off

lead in Colo E

also perfs. - both flow

empty - about

end of Month

Asked Barker to

drill - (Presume total well stays dry)

Copy → Call U.S.G.S.

Well P&A Data + Completion:

P&A
- Lem #1 sec 22 T9S 20E
- Lem #2 sec 20
- Ute Trail #4 sec 27

Gellman Well

6200 Plateau Drive

Englewood Colo - 80110

(Lord Bill) -

Form 9-331C (May 1963)

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

RECEIVED
BR. OF OIL & GAS OPERATIONS
APR 29 1968
U. S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: - -

1a. TYPE OF WORK: DRILL [X] DEEPEN [X] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [X]

7. UNIT AGREEMENT NAME: Natural Buttes Unit

8. FARM OR LEASE NAME: - -

2. NAME OF OPERATOR: Gilman A. Hill

9. WELL NO.: Natural Buttes Unit #2

3. ADDRESS OF OPERATOR: 6200 Plateau Drive, Englewood, Colorado 80110

10. FIELD AND POOL, OR WILDCAT: Ute Trail (#6)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660' from N. line & 660' from E. line of Sec. 24 (C NE NE Sec. 24), T 9 S, R 20 E, SLM
At proposed prod. zone: same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 24, T 9 S - R 20 E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 6 miles S SE of Ouray

12. COUNTY OR PARISH: Uintah — 13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
660'	1,920.	640.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
- -	8,000 feet	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 4,758' GR.

22. APPROX. DATE WORK WILL START*: April 29, 1968

23. PROPOSED CASING AND CEMENTING PROGRAM

	SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
old hole	8-3/4"	7"	23#	6,505'	350 sacks
new hole	6-1/8"	4½"	13.5#	8,000± ft.	

See attached

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE May 17, 1968

BY Cleon B. Feight
Cleon B. Feight
Director

43-047-15380

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Gilman A. Hill TITLE Operator DATE April 26, 1968

(This space for Federal or State office use)

PERMIT NO. Gilman A. Hill APPROVAL DATE APR 29 1968

APPROVED BY (ORIG. SGD.) E. W. SMITH TITLE DISTRICT ENGINEER DATE APR 29 1968

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

May 20, 1968

MEMO FOR FILING

Re: Gilman Hill
Well No. Natural Buttes Unit #2 (Ute Trail #6)
Sec. 24, T. 9 S., R. 20 E.,
Uintah County, Utah

Conferred with Mr. Gilman Hill on May 16, 1968, and gave verbal approval to re-enter the old Ute Trail Unit #6 Well drilled by Three States Natural Gas Company, which will now be referred to as stated above.

Mr. Hill gave me the Notice of Intention to Drill and has acquired the necessary approval from the U. S. Geological Survey. Starting today, they will run a casing log to determine the extent of a leak in the casing, and then cement squeeze it off.

On Monday, May 20, 1968, a rig will be brought in to commence drilling out with air to a depth of 8,000' in the Wasatch Formation. If the drilling with air is successful, they will continue to no more than 10,000' and test the potential of the Mesaverde Formation.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:cnp

cc: Rodney A. Smith, District Engineer
U. S. Geological Survey
8416 Federal Building
Salt Lake City, Utah

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Gilman A. Hill

3. ADDRESS OF OPERATOR
6200 Plateau Drive, Englewood, Colorado 80110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T. 9 S., R. 20 E., SLM

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- -

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
- -

9. WELL NO.
Natural Buttes Unit #2

10. FIELD AND POOL, OR WILDCAT
Ute Trail

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24 - 9 S - 20 E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4,758' GR.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☒	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☒	REPAIRING WELL	☒
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☒	CHANGE PLANS	☐	(Other) Drill Deeper			☒
(Other) Deepen			☒				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached schedule
Part A. for work completed
Parts B. and C. for work proposed to be done

18. I hereby certify that the foregoing is true and correct

SIGNED Gilman A. Hill TITLE Unit Operator DATE **May 22, 1968**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Sharon

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, *19*68,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill, Unit Operator

Signed Gilman A. Hill

Phone 303-771-1101

Agent's title

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20 E	Unit #2	0	0	--	0	0	Not measured	Deepened well to 6542'. Test and prepare to squeeze perforated zones & casing leak. Preparing to deepen.

NOTE.—There were none runs or sales of oil; none M cu. ft. of gas sold; none runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

C. Gas drill from 6542' to a new T.D. ranging from 8,000' to 10,500' and carry out a proposed "rubble-chimney" completion program over either a portion or all of the newly drilled interval.. The dates for this portion of the program are shown as the number of days after moving in the larger drilling rig.

Days	
1 & 2	Move in and rig up.
3 to 12	Gas drill from 6542' to a total depth ranging from about 8,000' to 10,500'.
12 to 15	Move out drilling rig and move in circulatory pump and equipment for rubble-chimney completion program.
15 to 30	Circulate shale dispersing solution for about 15 days to create enlarged hole diameter and greatly enlarged cavities in the shale sections for the rubble-chimney completion program.
30 to 33	Circulate anti-dispersion solution for about 2 days; hang lines through open hole section; swab to blow hole dry; complete for production.

5/14 Open well; small blow; well dies; drop soap stick in well.

5/15 Drop soap stick broken into small pieces.

5/16 Open well; small blow; well dies; drop soap stick broken into small pieces.

5/17 Open well; well dead.

5/18 Move in rig to swab; find fluid level at 1,400' depth, some foam; fill tubing with water; annulus pressure was 125 psi before unseating packer; annulus flows clear water, slightly salty; unseat packer and annulus fluid level drops; well left open overnight.

5/19 Annulus had unloaded some water overnight; fill annulus with water; pull tubing and lay down as singles. Run McCullough Casing Inspection Log and Electronic Casing Caliper Log to determine possible corrosion of casing and feasibility of repairing casing leak. Casing Inspection Log and Caliper Log show casing in good condition and not weakened by corrosion. Casing leak not visible on log and therefore must be either a casing collar leak or a hair-line casing split. This leak should be repairable by squeeze-cementing. (Note: The perforated gas sands now produce excessive water into the well-bore as the result of the prior water flow from the well-bore into these sands since the occurrance of the casing leak. Therefore, these perforations will have to be squeeze-cemented in order to dry up the hole for gas drilling.)

B. Repair casing leak and seal off wet perforations by squeeze-cementing to make possible drying up the hole for gas drilling.

5/27 Move in rig; run in tubing and packer; locate casing leak, cleanout hole to T.D.

5/28 Squeeze-cement perforations from 6474' to 6479'.

5/29 Squeeze-cement perforations from 6248' to 6268'.

5/30 Squeeze-cement casing leak in shallower zone.

5/31 Drill out cement plugs and retainers.

6/1 Finish drilling out cement plugs and retainers, pressure-up casing to test for leaks, swab and blow hole dry.

6/2 Dry up with circulation of gas, move off small rig and wait for moving in large rig to gas drill to proposed T.D. in excess of 8,000'.

Natural Buttes Unit #2

Gilman A. Hill, Unit Operator

June 7, 1968

Squeeze-Cement Casing Leak and Prior Perforations.

5-30-68 Rig up drilling unit. Tear down well-head. Check well-head seal. Pick up tubing in singles. Set HOWCO 7" EZ-Drill cement retainer at 6492' KB.

5-31-68 Set second HOWCO 7" EZ-Drill cement retainer at 6431' KB. Squeeze 100 sacks Class G cement into perforations from 6472' to 6479' KB. Final cement squeeze pressure was 3,000 psi. Pull out of retainer and reverse circulate to surface a small amount of cement remaining in tubing.

Set third HOWCO 7" EZ-Drill retainer at 6214' KB. Squeeze 200 sacks Class G cement through retainer into perforations from 6248' to 6268' KB. Final cement squeeze pressure was 3,000 psi. Pull out of retainer and reverse circulate to surface a small amount of cement remaining in tubing.

Pull tubing out of hole and run back in with HOWCO retrievable squeeze packer to locate casing leak in upper portion of hole. Casing leak found in casing collar at 3,227' KB. Set HOWCO retrievable squeeze packer at 3,086' KB. Squeeze 200 sacks of Class G cement with 2% calcium chloride through retrievable packer into casing collar leak at 3,227' KB. Final squeeze pressure was 1,200 psi. Hold cement in place with 1,000 psi for 30 minutes after completion of squeeze. Unseat packer and reverse circulate to clean tubing. Pull two stands of tubing and shut in well at 1,000 psi pressure to hold cement squeeze in place. Complete work about 30 minutes past midnight.

6-1-68 WOC.

6-2-68 Bled shut-in pressure off tubing and annulus. Pull tubing and remove HOWCO retrievable packer. Pick up 6-1/4" drill bit with four 4-1/4" drill collars. Start drilling cement at 3159' KB and found bottom of cement at 3232' KB. Pressure test casing at 710 psi and found no leak. Start drilling second cement plug at 6207' KB. Drill through retainer at 6214' KB and find bottom of cement plug at 6274' KB. Pressure test casing at 760 psi and found no leak.

6-3-68 Start drilling cement on third plug at 6429' KB and drill through retainer set at 6431' KB and find bottom of cement at about 6487' KB. Start drilling bottom retainer at about 6492' KB. Drill approximately half of this bottom retainer before shutting down.

Drilling and Completion Program

Natural Buttes Unit #2

Gilman A. Hill, Unit Operator

A. Drill out cement plug and 37' of formation to new T.D. of 6542', check for casing leaks and try to dry up perforated zones.

4/29 Move in and rig up to drill; blow down well and kill by filling with water; displace about 25 bbls. of black, heavy crude from well.

4/30 Drill out retainer and cement to prior T.D. of 6505'; drill 10 ft. of red shale formation (Wasatch) below prior T.D.

5/1 Drill an additional 27 ft. of formation (total 37 ft.) to a new T.D. of 6542 ft. Cut about 10 ft. of sand from about 6522 to 6532.

5/2 Pull drill string; run in tubing with packer to test for casing leak; found casing leak above 4500 ft. depth which would take about 3 bbls/min. of water at 800 psi; set packer at 5980' with tubing to 6495' below wellhead doughnut (or 6505' below prior drilling rig K.B.). Swabbed down to 4500 ft. depth fluid level.

5/3 Fluid level initially at 1500' depth; swabb down to 6,000' and continued swabbing all day with some water and some gas on each swab.

5/4 Fluid level initially at 3,000' depth after overnight shut-in. Swab down and blow well; well loads up with water and dies, swab down and release rig.

5/7 Blow well; small flare dimishing to zero as well loads up and dies.

5/8 Blow well; small flare; well loads up and dies.

5/9 Move in swabbing unit and swab; initial fluid level at 1,500'; lowered water level to about 3,000' and well unloading; blow about 7 minutes; shut-in overnight to build up pressure.

5/10 Open well, short flow, well dies, unable to unload water, swab finds water at 2,700'; swab down to about 4,500', blow well, well dies, swab down to 6,000'; periodically blow gas, load up, then swab down; release rig.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Gilman A. Hill

3. ADDRESS OF OPERATOR
6200 Plateau Drive, Englewood, Colorado 80110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T 9 S - R 20 E, SLM

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- -

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
- -

9. WELL NO.
Natural Buttes Unit #2

10. FIELD AND POOL, OR WILDCAT
Ute Trail

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24- 9 S - 20 E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4,758' GR.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	X	PULL OR ALTER CASING		WATER SHUT-OFF	X	REPAIRING WELL	X
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL	X	CHANGE PLANS		(Other) **Drill Deeper**			X
(Other) **Deepen**			X				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached schedule.

18. I hereby certify that the foregoing is true and correct

SIGNED Gilman A. Hill TITLE **Unit Operator** DATE **June 7, 1968**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

6-4-68 Remaining portion of bottom retainer dropped down into open hole below the 7" casing. Drill balance of retainer together with formation to a total depth of about 6549' KB. Pull drill string out of hole. Lay down drill collars with drill bit. Run tubing back in hole in approximately 1,000' stages and blow hole dry with gas on each stage.

6-5-68 Continue running tubing in hole. Land tubing at 6502' KB (209 joints plus 4' pup joint). Swab tubing until fluid level is approximately 5,900'. Blow hole dry by circulating gas down tubing and up casing. Reverse by circulating gas down casing and up tubing to remove remaining water and soap from hole.

6-6-68 Blow hole dry by circulating gas down annulus. Very small amount of soapy water blown out of tubing which then remained dry throughout balance of the 30 minute blow period.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Gilman A. Hill

3. ADDRESS OF OPERATOR
6200 Plateau Drive, Englewood, Colorado 80110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' from N. line & 660' from E. line of Section 24
(C NE NE Sec. 24) T 9 S - R 20 E, SLM

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- -

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
- -

9. WELL NO.
Natural Buttes Unit #2

10. FIELD AND POOL, OR WILDCAT
Ute Trail

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24, T 9 S - R 20 E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4758' GR.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☒
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other)				(Other) **Drill Deeper**			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached

18. I hereby certify that the foregoing is true and correct

SIGNED Charlotte Murphy TITLE **Office Manager** DATE **July 3, 1968**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Natural Buttes Unit #2 Well - Uintah County, Utah

6/25/68 Grade location.

6/26/68 Grade location, dig reserve pit and burning pit. Start moving drilling rig to location.

6/27/68 Finish grading location, digging reserve pit and burning pit. Move balance of drilling rig to location.

6/28/68 Rigging up drilling rig.

6/29/68 Finish rigging up, drill rat hole, start laying down production tubing.

6/30/68 Finish laying down tubing, lay blooie line and bleed-off line, nipple up for gas drilling, pick up drill bit, collar and drill pipe.

7/1/68 Clean out hole to bottom, blow hole dry, drill section from 6549' to 6660'.

7/2/68 (Noon) Drilling at 6852'.

7/3/68 (8 A.M.) Drilling at 7102', drilled 270' in last 8 hours, an average of 35' per hour, yesterday afternoon pulled bit #1 (4-W-4), add 5 drill collars to give 23,000 pounds total collar weight, run in with bit #2 ($6\frac{1}{4}$" 5J), service and repair rig, continue to drill at 7102'.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: **Gilman A. Hill**

3. ADDRESS OF OPERATOR: **6200 Plateau Drive, Englewood, Colorado 80110**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T 9 S - R 20 E, SLM

5. LEASE DESIGNATION AND SERIAL NO.: **Utah 0579**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: - -

7. UNIT AGREEMENT NAME: **Natural Buttes Unit**

8. FARM OR LEASE NAME: - -

9. WELL NO.: **Natural Buttes Unit #2**

10. FIELD AND POOL, OR WILDCAT: **Ute Trail**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: **Sec. 24, T 9 S - R 20 E**

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): **4758' GR.**

12. COUNTY OR PARISH: **Uintah**

13. STATE: **Utah**

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) **Drill Deeper**			☒
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached

18. I hereby certify that the foregoing is true and correct

SIGNED Charlotte Murphy TITLE **Office Manager** DATE **July 15, 1968**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

7/26/68 9:00 A.M., tubing = 0 psi, annulus = 730 psi. Close tubing valve to shut in well.
1:00 P.M., tubing = 525 psi, annulus = 700 psi.

7/27/68 Tubing = 1,050 psi, annulus = 770 psi. Well shut in.

7/28/68 Tubing = 1,600 psi, annulus = 1,350 psi. Well shut in.

7/29/68 Tubing = 1,940 psi, annulus 1,620 psi. Will open annulus valve in attempt to blow gas down tubing and up annulus to open perforations at 8,016' depth.

At this time, the perforations in the drill pipe production string in this well are at the following depths (measured from ground level - GR):

Date	Perforation Depths
7/14/68	8 holes @8820' to 8822'
	6 holes @8615' to 8617'
	4 holes @8410' to 8411'
	4 holes @8016' to 8017'
11/1/68	10 holes @8702', 8704', 8706', 8708', 8710', 8712', 8714', 8716', 8718', 8720'
	15 holes @8593', 8595', 8597', 8599', 8601', 8603', 8605', 8607', 8609', 8611', 8613', 8617', 8621', 8623', 8625'
	15 holes @8520', 8522', 8524', 8526', 8528', 8530', 8536', 8538', 8540', 8542', 8544', 8546', 8548', 8550', 8552'
	16 holes @8408', 8410', 8412', 8414', 8416', 8418', 8420', 8430', 8432', 8434', 8436', 8444', 8446', 8448', 8450', 8452'
11/2/68	15 holes @8192', 8194', 8196', 8198', 8200', 8202', 8204', 8206', 8208', 8210', 8212', 8214', 8216', 8218', 8220'
	12 holes @8072', 8074', 8076', 8078', 8080', 8082', 8084', 8086', 8088', 8090', 8092', 8094'
	12 holes @7870', 7872', 7874', 7876', 7878', 7892', 7894', 7896', 7902', 7904', 7906', 7908'
	8 holes @7802', 7804', 7806', 7808', 7810', 7812', 7814', 7816'
	15 holes @7657', 7659', 7661', 7663', 7665', 7667', 7669', 7671', 7673', 7675', 7677', 7679', 7681', 7683', 7685'
	12 holes @7556', 7558', 7560', 7562', 7564', 7574', 7576', 7578', 7580', 7582', 7584', 7586'
	10 holes @7506', 7508', 7510', 7512', 7514', 7516', 7529', 7531', 7533', 7535'
12/4/68	10 holes @7240', 7242', 7244', 7246', 7258', 7260', 7264', 7266', 7268', 7270'
	8 holes @7038', 7048', 7050', 7052', 7054', 7056', 7058', 7060
	9 holes @6674', 6676', 6678', 6680', 6682', 6684', 6686', 6688', 6690'
	3 holes @6485', 6486', 6488'

7/13/68 Trip pipe out of hole. Recover 259 joints of drill pipe for total of 7881'. Found tool joint washed out at 5120' depth. Trip pipe into hole open ended and screw into fish. Had to circulate mud 3 times during trip in in order to kill well blow-outs.

7/14/68 Run McCullough free point instrument but unable to get instrument below 8036' depth. Run sinker bar with bumper sub to push obstruction in drill pipe down to 8837'. Run free point instrument and measure free point at 8450', 8500', 8558', 8816' and 8824'. Run sinker bars with bumper sub to push obstruction inside pipe down to 8960' depth. Attempt to shoot off pipe at 8960' but unable to circulate or pull free. Make second attempt to shoot off drill pipe at 8960' but unable to circulate or pull free. Attempt to perforate drill pipe with 8 jet shots at 8820-8822 but unable to get circulation. Measure free points at 8600' and 8700'. Attempt to perforate pipe with 6 shots at 8615-8616½' but unable to get circulation. Attempt to perforate pipe with 4 shots at 8410' but unable to get circulation. Throughout this day the well kept pressuring up with gas on annulus. Periodically blow gas and mud from annulus and then pump heavily weighted mud into annulus in attempt to control gas blow-out problem.

7/15/68 Attempt to perforate drill pipe with 4 jet shots at 8016' and succeed in getting circulation of drilling mud. Circulate 9.5 weighted (Beroid) mud (52 viscosity) to kill well and control the blow-out problem. Run 1-3/4" diameter sinker bar to determine depth to which logs could be run inside drill pipe. Pushed obstruction down to 8982'. Run McCullough Gamma Ray and Neutron logs inside drill pipe from 8990' up to 4990'. Circulate mud to condition hole for back-off shot and trip out. Back-off drill pipe at 6422' depth. Lay down drill pipe on trip out of hole.

7/16/68 Run 2-7/8" O.D. tubing into hole and screw into 3-1/2" drill pipe at 6423½' depth. Land tubing on well head donut at 52,000 pounds weight (37,000 pounds tubing weight plus 15,000 pounds strain on 3-1/2" drill pipe). Circulate mud 1½ hours. Remove rotating head and blow-out preventor. Release drilling rig. Start rigging down and moving off location.

7/17/68 Finish rigging down and moving off location.

7/18/68 Rig up completion rig. Assemble spudding tool with bumper sub, hydraulic jars and sinker bar.

7/19/68 Attempt to spud through obstruction located at approximately 9,000' depth. Succeed in moving obstruction about 50' farther down hole and are then unable to make further progress. Rig down completion rig and move off hole. Open tubing to unload drilling mud and gas from hole. Shut in well overnight.

7/20/68 After overnight shut in, tubing = 2,000 psi, casing = 470 psi. Open annulus to unload drilling mud until annulus = 0 psi, tubing = 1625 psi. Open tubing to unload drilling mud and gas. After well stopped unloading mud, dry gas continued to flow at a rate of about 200 mcf per day. Allow well to continue to blow overnight.

7/21/68 Use Halliburton pump truck to pump 1% potassium chloride water plus Halliburton soap suds down tubing and up annulus to displace the drilling mud. After 43 barrels of water injection, the injection pressure built up to approximately 500 psi and then broke back to about 200 psi. Apparently perforations at 8016' were partially plugged and required this pressure to break down to establish circulation from tubing to annulus. After 173 barrels of water injection the first drilling mud started being produced out of the annulus. After 349 barrels of water injection the first soapy water returned to surface indicating the end of displacement of drilling mud. After 370 barrels this water injection was terminated. Over most of the injection period, the injection rate was about 4 to 5 barrels per minute with injection pressures ranging from 500 to 700 psi. Over short periods injection pressure was increased to about 1600 psi by increasing the injection rate. Open both tubing and annulus to allow well to unload soapy water solution. Leave both tubing and annulus open overnight to allow well to continue to unload.

7/22/68 7:00 A.M., well blowing dry gas with some condensate. No water or foam.
9:00 A.M., pressure tubing to 500 psi using gas from Mountain Fuel Supply line and shut in tubing. Annulus produced some heads of foam and gas.
1:00 P.M., shut in both annulus and tubing.
2:00 P.M., annulus = 100 psi, tubing = 850 psi .
7:30 P.M., annulus = 425 psi, tubing = 1200 psi.
7:45 P.M., open annulus for blow down. Annulus = 0 psi, tubing = 1150 psi. Blow decreased to small amount.
9:10 P.M., started producing first water slugs with tubing pressure of 1125 psi. Continued producing intermitent slugs of foamy water.

7/23/68 12:30 A.M. to 2:00 A.M., well unloading large heads of water, foam and spray.
2:00 A.M., flow rate decreased to about 225 mcf per day of dry gas with no foam or spray. Tubing = 325 psi, annulus = 0 psi.
2:30 A.M., pressure up annulus from Mountain Fuel Supply line. Shut in annulus and open tubing to blow.
7:45 A.M., open both annulus and tubing to blow.
9:30 A.M., run Halliburton measuring line with 10 lb. lead weight (3/4" diameter by 5' long). Encounter heavy mud at 8200' with progressively heavier mud down to a depth of 8935'. Lowest point penetrated by lead weight on measuring line was about 8937'. Tool hangs up a little on each tool joint in drill pipe and then slides slowly 30' to next tool joint.
1:00 P.M., remove Halliburton measuring line and pressure up annulus to 375 psi from Mountain Fuel Supply line and shut in both annulus and tubing.

7/24/68 10:00 A.M., tubing = 1200 psi, annulus = 1125 psi. Open tubing to blow. Blowing slugs of muddy water followed by continuous spray or mist until about 12:30 P.M. Then blowing nearly dry gas with occassional mist. Tubing = 0 psi, annulus = 1125 psi. Leave tubing open to blow overnight.

7/25/68 Still blowing dry gas out of tubing. Annulus = 800 psi.

Natural Buttes Unit #2 Well - Uintah County, Utah

7/4/68 Gas drilling 7774', dusting, no water indicated.

7/5/68 Gas drilling at 8088' at 8:00 A.M.
9:30 A.M., well started making water, water flow dried up after 5 hours, resumed gas drilling at 2:30 P.M.
11:00 P.M., gas drilling at 8450' with an average rate of about 45 feet per hour. Gas flow continuously increasing with depth.

7/6/68 Drilling at 8910' (1:00 P.M.); trip out; bit #3 (TC7AP) drilled 1,113' in 26¼ rotating hours using mission air hammer; survey shows slope beyond 6 degree limit of chart; drag over 20,000 pounds on drill string.

7/7/68 Drilling at 9131' (11:15 A.M.); drill string drag and torque slowly increasing indicating crooked hole.

7/8/68 Drilled to 9597' (9:00 A.M.); very good drilling break from 9558' to 9597'; upper 6' of drilling break tested 780 mcf per day; 34' of drilling break (9558' to 9594') tested 1.71 mmcf per day after 1½ hour flow test on 1¼"orifice plate test gauge; after completing flow test drilled 3½' of new hole then pulled up to circulate and stuck drill pipe; unable to rotate or move up or down; gas circulation rate reduced by pack off around drill bit; install gas booster (900 psi) but gas circulation rate continued to decrease; injected mud mist in attempt to open circulation path and free drill pipe but circulation continued to decrease. Gas circulation dropped to zero; released gas booster at midnight; tested 700 mcf per day flow rate (1"orifice plate meter) from the portion of open hole above the point where the drill pipe is stuck.

7/9/68 Drill pipe still stuck; mixed mud to try to get circulation past stuck pipe. Used KCl in mud to minimize shale caving into hole. Fill drill pipe with mud and apply 2200 psi pump pressure without achieving any circulation. Pressure bled off slowly and afterwards about 1/2 barrel per minute of mud could be injected at 1500 psi. Circulation rate gradually increased. By 4:00 P.M. about 5 barrels per minute could be circulated around the pipe at 800 psi. Preparing to spot diesel oil with "Pipe Lax" (SA 47) around drill collars in attempt to work pipe loose.

7/10/68 Working stuck drill pipe, circulating mud. Run McCullough free point tool, find free point below 9480'

7/11/68 String shot at 2 collars off bottom but could not back off. Unable to get free point instrument below top of 17 collars. Second string shot at 2 collars off bottom but could not back off. Appears to be too much drag in hole to work torque down to shot point. Third string shot at 4 collars off bottom but could not back off. Fourth string shot at 7 collars off bottom but could not back off. Unable to torque up for fifth string shot. String head backed up. Started pulling backed off drill string out of hole. After pulling 67 stands (4100') well started blowing out. Mud and gas blew higher than top of derrick. Got Kelly connected to drill string and circulated mud to kill well. Mixing new mud to recondition hole.

7/12/68 New mud with 50+ viscosity circulated down hole. Running drill pipe into hole in 1,000' increments to circulate new mud over lower portion of hole displacing the old gas-cut mud.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

PI

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Gilman A. Hill

3. ADDRESS OF OPERATOR
6200 Plateau Drive, Englewood, Colorado 80110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T 9 S - R 20 E, SLM

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- -

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
- -

9. WELL NO.
Natural Buttes Unit #2

10. FIELD AND POOL, OR WILDCAT
Ute Trail

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24 - T 9 S - R 20 E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4758' GR.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☒
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) **Drill Deeper**			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached

18. I hereby certify that the foregoing is true and correct

SIGNED Gilman A. Hill TITLE **Unit Operator** DATE **July 29, 1968**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: **Utah 0579**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: - -

7. UNIT AGREEMENT NAME: **Natural Buttes Unit**

8. FARM OR LEASE NAME: - -

9. WELL NO.: **Natural Buttes Unit #2**

10. FIELD AND POOL, OR WILDCAT: **Ute Trail**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: **Sec. 24- T 9 S - R 20 E**

12. COUNTY OR PARISH: **Uintah**

13. STATE: **Utah**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: **Gilman A. Hill**

3. ADDRESS OF OPERATOR: **6200 Plateau Drive, Englewood, Colorado 80110**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T 9 S - R 20 E, SLM

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): **4758' GR.**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE	X	ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS	X	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

I. 7/29-7/30/68: Attempt to open perforations at 8016' depth and to circulate gas to dry fm.

II. 7/31-8/1/68: Install dehydrator unit to test Wasatch gas production (6505' to 8016').

III. 8/1-8/25/68: Test Wasatch production (6505' to 8016'). Evaluate test data in terms of drying out the water damaged zone around the well bore and other reservoir characteristics.

IV. 8/26-9/6/68: Attempt to open and test Mesaverde zones from about 8016' to TD of 9597'. First objective is to attempt to remove a barrier located at about 8990' depth within the 3½" drill pipe by use of a 1-3/4" O.D. "sand pump" on a wire line. If this obstruction within the drill pipe can be removed, then we will perforate through drill collars the interval from about 9555' to the top of the drill collar float at about 9585'. Then we will attempt to destroy the drill collar float by shooting downward on it a "junk" jet charge. This should open for production the sand from about 9555' to TD of 9597'. Subsequently other sands between 9555' and 8016' depth will also be perforated in attempt to achieve additional production.

Note: The lower Wasatch section (6505' to 8000') and the upper Mesaverde section (8000 to TD @ 9597') was dry gas drilled without encountering any significant shows of either water or oil. Therefore, it is believed that the production from the gas sands within these sections can be comingled without damage or waste of any natural resource from any zone. Furthermore, it appears to be necessary to comingle the production from these zones in order to achieve economic production from this well.

18. I hereby certify that the foregoing is true and correct

SIGNED Gilman A. Hill TITLE Unit Operator DATE July 29, 1968

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UTE TRAIL #2
PRODUCTION - MCF

18.64
46.14
20.28
107.24
69.80
43.71
57.08
54.82
41.25
56.53
27.01
42.07
44.79
44.54
47.64
37.24
26.80
34.82
36.93
25.18
22.80
31.09
34.49
27.20
21.37
33.41
18.57
27.95
33.09
32.37
24.74
13.72
37.14
30.35
26.98
27.69
23.73
21.93
22.38
25.71
19.40
20.16
19.50
54.94
36.61
30.49
31.64
24.83
25.31
25.64
18.39
23.61
22.48
12.68
1784.90 *

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE
LEASE NUMBER 0579
UNIT

Ute Trail #6

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Ouray

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, *1968*,

Agent's address 1200 Lincoln Tower Building *Company* Tenneco Oil Company

Denver, Colorado 80203 *Signed* Dan W. Cook

Phone *Agent's title* Production Clerk

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 24										
NE NE	9S	20E	6	0	0		0			LEASE SOLD TO MR. GILMAN HILL Cum. Production 178,490MCF

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25706-9 U. S. GOVERNMENT PRINTING OFFICE

P5

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Gilman A. Hill

3. ADDRESS OF OPERATOR
6200 Plateau Drive, Englewood, Colorado 80110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T. 9 S - R 20 E, SLM

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- - -

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
- - -

9. WELL NO.
Natural Buttes Unit #2

10. FIELD AND POOL, OR WILDCAT
Ute Trail

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24-T 9 S - R 20 E

12. COUNTY OR PARISH

13. STATE

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4758 GR.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) **Testing**			☒
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached

18. I hereby certify that the foregoing is true and correct

SIGNED Gilman A. Hill TITLE **Unit Operator** DATE **August 22, 1968**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1968,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill, Unit Operator

Signed Gilman A. Hill

Phone 303-771-1101

Agent's title

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20 E	Unit #2	0	0	-	0	0	0	Testing and cleaning out sand and cavings

NOTE.—There were none runs or sales of oil; none M cu. ft. of gas sold; none runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: **Utah 0579**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: - -

7. UNIT AGREEMENT NAME: **Natural Buttes Unit**

8. FARM OR LEASE NAME: - -

9. WELL NO.: **Natural Buttes Unit #2**

10. FIELD AND POOL, OR WILDCAT: **Ute Trail**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: **Sec. 24-T 9 S - R 20 E**

12. COUNTY OR PARISH: **Uintah**

13. STATE: **Utah**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: **Gilman A. Hill**

3. ADDRESS OF OPERATOR: **6200 Plateau Drive, Englewood, Colorado 80110**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T. 9 S, R. 20 E., SLM

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): **4758 GR.**

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Testing & cleaning out sand and cavings			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached

18. I hereby certify that the foregoing is true and correct

SIGNED Gilman A. Hill TITLE **Unit Operator** DATE **Sept. 5, 1968**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 68

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill, Unit Operator

Signed Gilman A. Hill

Phone 303-771-1101

Agent's title

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20 E	Unit #2	0	0		0	0	0	Testing well and injecting KCl salt to stabilize shale cavings.

NOTE.—There were none runs or sales of oil; none M cu. ft. of gas sold; none runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Gilman A. Hill

3. ADDRESS OF OPERATOR
6200 Plateau Drive, Englewood, Colorado 80110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T. 9 S., R. 20 E., SLM

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- -

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
- -

9. WELL NO.
Natural Buttes Unit #2

10. FIELD AND POOL, OR WILDCAT
Ute Trail

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24-9S-20E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4758 GR.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☒	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☒
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) **Stabilize & consolidate shale cavings**			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached program.

Phase A: Work done to date.

Phase B, C & D: Work proposed to be done over the next 6 weeks period.

18. I hereby certify that the foregoing is true and correct

SIGNED Gilman A. Hill TITLE **Unit Operator** DATE **Oct. 17, 1968**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Gilman A. Hill

3. ADDRESS OF OPERATOR
6200 Plateau Drive, Englewood, Colorado 80110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T 9 S, R 20 E, SLM

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- -

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
- -

9. WELL NO.
Natural Buttes Unit #2

10. FIELD AND POOL, OR WILDCAT
Ute Trail

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24-9S-20E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4758 GR.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) **Perforating**			☒
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

10/31/68 Kill well with KCl water preparatory to perforating.

11/1/68 Perforate as follows:

1st run 10 holes @8702', 8704', 8706', 8708', 8710', 8712', 8714', 8716', 8718', 8720'

2nd run 15 holes @8593', 8595', 8597', 8599', 8601', 8603', 8605', 8607', 8609', 8611', 8613', 8617', 8621', 8623', 8625'

3rd run 15 holes @8520', 8522', 8524', 8526', 8528', 8530', 8536', 8538', 8540', 8542', 8544', 8546', 8548', 8550', 8552'

4th run 16 holes @8408', 8410', 8412', 8414', 8416', 8418', 8420', 8430', 8432', 8434', 8436', 8444', 8446', 8448', 8450', 8452'

11/2/68 Perforate as follows:

5th run 15 holes @8192', 8194', 8196', 8198', 8200', 8202', 8204', 8206', 8208', 8210', 8212', 8214', 8216', 8218', 8220'

6th run 12 holes @8072', 8074', 8076', 8078', 8080', 8082', 8084', 8086', 8088', 8090', 8092', 8094'

7th run 12 holes @7870', 7872', 7874', 7876', 7878', 7892', 7894', 7896', 7902', 7904', 7906', 7908'

8th run 8 holes @7802', 7804', 7806', 7808', 7810', 7812', 7814', 7816'

9th run 15 holes @7657', 7659', 7661', 7663', 7665', 7667', 7669', 7671', 7673', 7675', 7677', 7679', 7681', 7683', 7685'

10th run 12 holes @7556', 7558', 7560', 7562', 7564', 7574', 7576', 7578', 7580', 7582', 7584', 7586'

11th run 10 holes @7506', 7508', 7510', 7512', 7514', 7516', 7529', 7531', 7533', 7535'

18. I hereby certify that the foregoing is true and correct

SIGNED Gilman A. Hill TITLE **Unit Operator** DATE **Nov. 11, 1968**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Gilman A. Hill

3. ADDRESS OF OPERATOR
6200 Plateau Drive, Englewood, Colorado 80110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T 9 S, R 20 E, SLM

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- -

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
- -

9. WELL NO.
Natural Buttes Unit #2

10. FIELD AND POOL, OR WILDCAT
Ute Trail

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24-9S-20E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4758 GR.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other) **Perforate additional zones**			☒	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Zone 1 **7240' to 7270' = 10 shots/30'**

Zone 2 **7034' to 7060' = 10 shots/26'**

Zone 3 **6674' to 6690' = 10 shots/16'**

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE **Unit Operator** DATE **Nov. 27, 1968**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Gilman A. Hill

3. ADDRESS OF OPERATOR
6200 Plateau Drive, Englewood, Colorado 80110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' from N. line & 660' from E. line of Section 24
(C NE NE Sec. 24), T 9 S, R 20 E, SLM

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- -

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
- -

9. WELL NO.
Natural Buttes Unit #2

10. FIELD AND POOL, OR WILDCAT
Ute Trail

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24-9S-20E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4758 GR.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Perforating			☒
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

12/4/68 Kill well with KCl water preparatory to perforating. Perforate as follows:

Run #1, 10 holes at 7240', 7242', 7244', 7246', 7258', 7260', 7264', 7266', 7268', 7270'

Run #2, 8 holes at 7038', 7048', 7050', 7052', 7054', 7056', 7058', 7060'

Run #3, 9 holes at 6674', 6676', 6678', 6680', 6682', 6684', 6686', 6688', 6690'

Run #4, 3 holes at 6485', 6486', 6488'

18. I hereby certify that the foregoing is true and correct

SIGNED Gilman A. Hill TITLE Unit Operator DATE Dec. 9, 1968

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: - -

7. UNIT AGREEMENT NAME: Natural Buttes Unit

8. FARM OR LEASE NAME: - -

9. WELL NO.: Natural Buttes Unit #2

10. FIELD AND POOL, OR WILDCAT: Ute Trail (Bitter Creek)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 24, T 9 S, R 20 E

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☒ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Gilman A. Hill, Natural Buttes Unit Operator

3. ADDRESS OF OPERATOR: 6200 Plateau Drive, Englewood, Colorado 80110

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T 9 S, R 20 E, SLM
At top prod. interval reported below
At total depth

14. PERMIT NO. | DATE ISSUED: April 29, 1968

12. COUNTY OR PARISH: Uintah Co. | 13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
Apr. 29, 1968	July 8, 1968	December 4, 1968	4754' Gr. & 4768' DF	4758'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
9597' DF	8960'	See Attached	→	6505' - 9597'	- -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: See attached description

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Gamma Ray & Neutron Logs

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23#	6505' DF	8-3/4"	350 sacks	- -

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
3½" drill pipe	6417' Gr	9597 DF	None	- -

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8" OD	6417' Gr	none

31. PERFORATION RECORD (*Interval, size and number*): See attached description

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6472' to 6479' DF	Squeeze Cement 100 sacks
6248' to 6268' DF	Squeeze Cement 200 sacks
3227' hole in csg.	Squeeze Cement 200 sacks

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
December 4, 1968	Flowing	Testing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Dec. 10, 1968	1	- -		None	90 mcf/day	spray	- -

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
0 psi	200 psi		None	90	spray	- -

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Vented on Test Basis

TEST WITNESSED BY: Halliburton Services

35. LIST OF ATTACHMENTS: Completion Program

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Gilman A. Hill TITLE Unit Operator DATE Dec. 10, 1968

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Wasatch Fm.	6674'	6690'	
	7035	7039	
	7048	7060	
	7240	7251	
	7258	7282	
	7500	7540	
	7553	7589	
	7655	7688	
Mesaverde Fm.	7801	7821	
	7868	7908	
	7926	7942	
	8070	8094	
	8189	8227	
	8405	8452	
	8520	8556	
	8583	8630	
	8700	8722	
	8890	8924	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Mesaverde Fm top	Approx. 7700' to 7800'	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

Completion Program

Natural Buttes Unit #2

The control of cavings filling the annulus space around the stuck drill pipe has posed special problems in the attempted completion of this well. One of the primary objectives of this completion program has been to prevent the dispersion of clay minerals and thereby permit the caving shale to maintain a granulated texture with large permeable spaces between the shale granules in the collapsed rubble zone around the drill pipe. In attempt to accomplish this objective, a 2% to 4% potassium chloride (KCl) salt solution was injected into the well and periodically additional KCl salt was added. The perforation operations were necessarily delayed to permit these granulated cavings to fill the annular space around the drill pipe as completely as possible before the cavings in this rubble zone were disturbed by perforating and production.

On November 1 and November 2, a series of 11 zones from 8720' up to 7506' were perforated. From November 3 to December 3 these perforated zones were being tested and evaluated with periodic injection of soap sticks to unload water and mud from the well. Very limited communication was established between the annulus and the production string whereby the casing pressure could not be lowered below about 1400 psi by blowing and unloading the tubing.

On December 4, three additional Wasatch sand zones from 7270' up to 6674' were perforated. Since these additional perforations did not result in changing the casing pressure, significant communication appeared not to have been established between the annulus and production string. Therefore 3 additional holes were perforated through the drill pipe at 6485' to 6488' GR (about 5' above base of 7" casing) to establish free communication between the annulus and production string above any restrictions caused by cavings collapsing around the drill pipe. After shooting these 3 additional holes (6485' to 6488') the well started unloading substantial quantities of water and mud. For the next several days the well continued to periodically unload water, blow down, load up and then unload again. It is now expected that this periodic loading up and unloading of water may continue for several weeks until most of the water trapped in the annulus rubble zone and invaded into some of the sand reservoirs has been worked out of the system and unloaded. Eventually, when the well is dried out by this process, the annulus rubble zone (including any residual drilling mud trapped with the cavings) should develop improved permeability resulting in increased gas production. Consequently the true production potential of this well may not be adequately determined for a period of several weeks to several months. However, for Unit purposes, this well may now be considered completed for gas production effective as of the last perforations made on December 4, 1968.

Phase A. September 3, 1968 to October 30, 1968;
Packing and consolidating well-bore cavings around the drill-pipe production string using a periodic injection of potassium chloride (KCl) salt to stabilize and consolidate the shale cavings. KCl salt solution now about 5% strength from 6500' to 8960' inside the drill pipe.

Phase B. About October 30, 1968;
Jet perforate holes at approximately the following depths:

(1) 8890-8925 = about 15 holes
(2) 8702-8720 = about 10 holes
(3) 8598-8626 = about 15 holes
(4) 8520-8552 = about 15 holes
(5) 8410-8452 = about 15 holes
(6) 8072-8094 = about 12 holes
(7) 7870-7906 = about 11 holes
(8) 7802-7820 = about 10 holes
(9) 7656-7686 = about 16 holes
(10) 7528-7564 = about 12 holes
(11) 7238-7278 = about 12 holes
(12) 7028-7060 = about 12 holes

All of this perforating to be done under normal hydrostatic pressure with the drill pipe production string filled with a potassium chloride (KCl) salt solution.

Phase C. October 30, 1968 to about November 30, 1968;
Swab and gas lift water out of production string at a slow rate to gradually reduce reservoir pressure in each perforated sand and to dry out the semi-consolidated cavings around the drill pipe production string. It is important that these cavings around the drill pipe be dryed out as thoroughly as possible before proceeding with the additional perforations as described in Phase D.

Phase D. About November 30, 1968;
If the production rate is sufficient and the cavings around the drill pipe appear to have been dried out, then additional holes may be perforated both into the previously perforated sand bodies and into the other sand bodies not previously perforated. The perforating in this Phase D will be done with the drill pipe production string empty of all liquid and with the reservoir pressures near the well-bore drawn down by the prior production.

Drilling Report - Natural Buttes Unit #2 Well - Uintah County, Utah

7/26/68 9:00 A.M., tubing = 0 psi, annulus = 730 psi. Close tubing valve to shut in well.
1:00 P.M., tubing = 525 psi, annulus = 700 psi.

7/27/68 Tubing = 1,050 psi, annulus = 770 psi. Well shut in.

7/28/68 Tubing = 1,600 psi, annulus = 1,350 psi. Well shut in.

7/29/68 Tubing = 1,940 psi, annulus = 1,620 psi. Open annulus valve and unloaded mud and water. Annulus decreased to 0, psi, tubing decreased to 1,640 psi. Well shut in.

7/30/68 Tubing = 1,300 psi, annulus = 1,250 psi. Open annulus valve. Annulus decreased to 0 psi, tubing decreased to 1,200 psi. Inject 2 soap sticks down tubing.

7/31/68 Tubing = 550 psi, annulus = 0 psi. Inject 2 gallons of HOWCO suds and 2 soap sticks down tubing. Blow tubing to 0 psi to inject suds then pressure up to 400 psi from supply line. Shut in well.

8/1/68 Tubing 600 psi, annulus 800 psi. Open annulus valve. Annulus pressure decreased to 0 psi.

8/2/68 Tubing = 580 psi, annulus = 0 psi. Producing gas through annulus.

8/3/68 Tubing = 640 psi, annulus=0 psi. Producing gas through annulus.

8/5/68 Tubing = 875 psi, annulus = 0 psi. Producing gas through annulus.

8/6/68 Tubing = 775 psi, annulus = 0 psi. Producing gas through annulus.

8/7/68 Tubing = 600 psi, annulus = 0 psi. Producing gas through annulus.

8/8/68 Tubing = 750 psi, annulus = 0 psi. Producing gas through annulus.

8/9/68 Tubing = 850 psi, annulus = 0 psi. Producing gas through annulus.

8/10/68 Tubing = 1,070 psi, annulus = 0 psi. Gas flow decreased to almost zero. Well shut in.

8/11/68 Tubing = 1,250 psi, annulus = 550 psi. Well shut in.

8/12/68 Tubing = 1,450 psi, annulus = 975 psi. Well shut in.

8/13/68 Tubing = 1,600 psi, annulus = 1,275 psi. Well shut in.

8/14/68 Tubing = 1,650 psi, annulus = 1,325 psi. Well shut in.

8/15/68 Tubing = 1,700 psi, annulus = 1,400 psi. Well shut in.

8/16/68 Tubing = 1,850 psi, annulus = 1,625 psi. Well shut in.

8/17/68 Tubing = 1,990 psi, annulus = 1,945 psi. Well shut in.

8/18/68 Tubing = 2,050 psi, annulus = 2,050 psi. Well shut in.

8/19/68 Tubing = 2,100 psi, annulus = 2,125 psi. Well shut in.

8/20/68 Tubing = 2,260 psi, annulus = 940 psi. Open annulus valve. Unloaded mud and water with gas from annulus.

8/21/68 Tubing = 2,375 psi, annulus = 0 psi. Producing 41 MCF through annulus.

8/22/68 Tubing = 2,400 psi, annulus = 0 psi. Producing 36 MCF through annulus. As shown by tubing pressure, tubing is now completely isolated from annulus. It appears that the formation is caving in around the drill pipe above the perforations so as to eliminate any communication which previously existed between tubing and annulus.

8/23/68 Tubing = 2300 psi, annulus = 0 psi. Well shut in.

8/24/68 Tubing = 2,350 psi, annulus = 500 psi. Well shut in.

8/25/68 Tubing = 2,395 psi, annulus = 1,075 psi. Well shut in.

8/26/68 Tubing = 2,445 psi, annulus = 1,400 psi. Open annulus to flow.

8/27/68 Tubing = 2,500 psi, annulus = 0 psi. Producing through annulus.

8/29/68 Tubing = 2,500 psi, annulus = 0 psi. Producing through annulus. Transferred annulus pressure gauge to tubing and read 2,350 psi. Apparently tubing gauge is out of calibration.

8/30/68 Open tubing valve slowly to blow down tubing over 3 hour period. After one hour start producing very foamy soap water cleaning up after about 5 minutes to cleaner water with less foam. After about 10 minutes of heavy water flow, production changed to less water, more gas and finally to a mist. Continuous misty, strong blow with occassional slugs of water throughout remaining portion of 3 hour blow down period. Left tubing valve open over night.

8/31/68 During the night the well-head unloaded some heavy drilling mud and the flow rate had decreased. Flow rate was measured at rates varying from 80 to 110 mcf per day. Rig up completion rig with sand pump on sand line. Measure sand line depth to obstruction in drill pipe at 8807'. Recovered clean, fine sand and silt from sand pump. Sand pump removed approximately 5' of sand from the interval of 8807' to about 8812'. Shut in tubing valve to allow tubing pressure to build up over night.

9/1/68 Open tubing valve to blow down tubing pressure. Unload slugs of water followed by gas with heavy water spray. Run sand pump on sand line to find obstruction at about 8100' which is 700' higher than the obstruction was found yesterday. After stroking sand pump 3 times at 8100', sand pump breaks through obstruction and is run down to a depth of about 8450'. After stroking sand pump at this depth the sand pump appears to be temporarily caught but slowly pulls free from obstruction. Remove sand pump from well and dump sand out of sand pump. Run in with sand pump on sand line to a depth of about 8960' and find no obstruction at any of the depths at which obstructions were formerly located. This new depth is 136' below the original depth of obstruction and is approximately at the depth at which we attempted to shoot off the drill pipe during drilling operations. Clean out approximately 5' of sand and gravel in the interval of about 8960' to 8965'. The material recovered from the sand pump now consists of some sand with a large amount of large rock fragments ranging from $\frac{1}{4}$" to $\frac{1}{2}$" diameter. Also recover some metal fragments which are identified as fragments from the large junk shot used in attempt to shoot off the pipe at this depth. Swab well to lower fluid level from about 5000' to 6200'. Shut tubing valve to allow tubing pressure to increase over night. Open annulus

9/1/68 (continued)
valve to allow annulus to blow over night.

9/2/68 Close annulus valve and open tubing valve to blow down tubing pressure from 875 psi to 0 psi. Tubing produces gas with some condensate and heavy spray of dirty water for about 30 minutes. The spray of condensate and spray of dirty water decrease until the well is blowing dry gas. Pull swab from about 6300' depth and recover no water. Run sinker bars and jars to total depth of about 8965' to find obstruction at same depth as it was located yesterday. Strike obstruction hard blow 3 times, produced no change. Pull out wire line with sinker bars and jars. Rig down and move completion rig off location. It appears impractical to attempt to remove the balance of this obstruction by using the sand pump because progress is too slow (about 5' per day). This obstruction may more readily be removed by reverse circulating it out using a string of $1\frac{1}{4}$" diameter tubing. Leave tubing valve open to continue to produce gas from tubing.

January 27, 1969

Gilman A. Hill
6200 Plateau Drive
Englewood, Colorado 80110

Re: Well No. Natural Buttes Unit #2,
Sec. 24, T. 9 S., R. 20 E.,
Uintah County, Utah.

Dear Mr. Hill:

This letter is to advise you that the Gamma-Ray Neutron Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

This office would greatly appreciate your filing with us the above mentioned log.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
SECRETARY

sd

GILMAN A. HILL
6200 Plateau Drive
Englewood, Colorado 80110
Phone: 771-1101

January 28, 1969

Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Re: Well No. 2, Natural Buttes Unit
Sec. 24, T. 9 S., R. 20 E.,
Uintah County, Utah

Gentlemen:

In reply to your letter of January 27th, we are enclosing herewith a copy of the Gamma-Ray Neutron Log for the Natural Buttes Unit #2 well in Uintah County, Utah.

Very truly yours,

GILMAN A. HILL

By Charlotte Murphy

cm
Encl.

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 19 69

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill, Unit Operator

Signed Gilman A. Hill

Phone 303-771-1101

Agent's title

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
				Testing			Flare Tests			
C NE NE Sec. 24	9S	20E	Unit #2	28	0		1400	0	Minor slugs	Continue well tests. Max.= 70 mcf/day Min.= 40 mcf/day Avg.= 50 mcf/day (Measured by Halliburton 3/1/69)

NOTE.—There were none runs or sales of oil; none M cu. ft. of gas sold; none runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1969,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill, Unit Operator

Signed Gilman A. Hill

Phone 303-771-1101

Agent's title

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9S	20E	Unit #2	<15	0		< 500	0	Minor slugs	Well loaded up to almost kill all gas flow. Well was then shut in.

NOTE.—There were None runs or sales of oil; None M cu. ft. of gas sold; None runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

329

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 19 69,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill, Lease Operator

Signed Gilman A. Hill

Phone 303-771-1101

Agent's title

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20 E	Unit #2	0	0	--	0	0	0	

NOTE.—There were none runs or sales of oil; none M cu. ft. of gas sold; none runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1969,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill, Lease Operator

Englewood, Colorado 80110 *Signed* Gilman A. Hill

Phone 303-771-1101 *Agent's title*

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20 E	Unit #2	3	0	0	< 300	0	0	Testing

NOTE.—There were none runs or sales of oil; none M cu. ft. of gas sold; none runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

PI

Form 9-331
(May 1963)

U' ED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRI ATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Gilman A. Hill

3. ADDRESS OF OPERATOR
6200 Plateau Drive, Englewood, Colorado 80110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T 9 S, R 20 E, SLM

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- -

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
- -

9. WELL NO.
Natural Buttes Unit #2

10. FIELD AND POOL, OR WILDCAT
Ouray

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24-9S-20E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4758 GR.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other) **Perforate and test**			☒	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Set retrievable bridge plug at 3750'. Perforate 3 holes and squeeze 200 sacks cement at 3630' with drillable retainer set at 3615'. Perforate 2 holes and squeeze 200 sacks cement at 3318'. Perforate interval 3252' to 3274' with one shot per foot. Perforate interval 3572' to 3600' with one shot per foot. Test perforated zones.

18. I hereby certify that the foregoing is true and correct
SIGNED Gilman A. Hill, Unit Operator TITLE **Office Manager** DATE **June 3, 1969**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

U ITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Gilman A. Hill

3. ADDRESS OF OPERATOR
6200 Plateau Drive, Englewood, Colorado 80110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' from N. line & 660' from E. line of Section 24 (C NE NE Sec. 24), T 9 S, R 20 E, SLM

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- -

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
- -

9. WELL NO.
Natural Buttes Unit #2

10. FIELD AND POOL, OR WILDCAT
Ouray

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24-9S-20E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4758 GR.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) **Perforate and Test**			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Set retrievable bridge plug at 3880' and cover with 50 feet of "frac" sand. Perforate 3 holes at 3768'. Set E-Z drill retainer at 3752'. Squeeze 300 sacks cement below retainer at 3752' and through perforations at 3768'. Reverse out surplus and clean hole to top of retainer at 3752'. WOC 24 hours. Run combination cement bond and Sonic Seismogram log from 3748' to 2400'. Perforate at 3247', 3249', 3251', 3255', 3257', 3259' and swab test this zone for 2 hours. Perforate 3567', 3569', 3571', 3573', 3575', 3579', 3581', 3587', 3589' and swab this zone. Production is water and dispersed drilling mud with a show of oil and small amounts of gas.

18. I hereby certify that the foregoing is true and correct

SIGNED Gilman A. Hill TITLE **Lease Operator** DATE **June 13, 1969**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 69,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill, Lease Operator

Englewood, Colorado 80110 *Signed* Gilman A. Hill

Phone 303-771-1101 *Agent's title*

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20 E	Unit #2	0	0	-	0	0	1,000	Testing Green River zones at 3247-3259' and 3567'-3589'.

NOTE.—There were none runs or sales of oil; none M cu. ft. of gas sold; none runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1969,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill, Lease Operator

Signed Gilman A. Hill

Phone 303-771-1101

Agent's title

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20 E	Unit #2	0	0	-	0	0	1,000	Testing Green River zones at 3247-3259' and 3567-3589'

NOTE.—There were none runs or sales of oil; none M cu. ft. of gas sold; none runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1969,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill, Lease Operator

Signed Gilman A. Hill

Phone 303-771-1101

Agent's title

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9S	20E	Unit #2	0	0	-	0	0	1,000	Testing Green River zones at 3247-3259' and 3567-3589'

FILE

NOTE.—There were none runs or sales of oil; none M cu. ft. of gas sold; none runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 19 70,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill, Lease Operator

Englewood, Colorado 80110 *Signed* Gilman A. Hill

Phone (303) 771-1101 *Agent's title*

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20E	Unit #2	0	0	-	0	0	1,000	Testing Green River zones at 3247' - 3259' and 3567' - 3589'

NOTE.—There were none runs or sales of oil; none M cu. ft. of gas sold; none runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Salt Lake City,
LEASE NUMBER Utah 0579 Utah
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, *19*70,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill, Lease

Englewood, Colorado 80110 *Signed* [signature] Operator

Phone *Agent's title*

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20E	Unit #2	0	0	-	0	0	1,000	Testing Green River zones at 3247' - 3259' and 3567' - 3589'

NOTE.—There were none runs or sales of oil; none M cu. ft. of gas sold; none runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Salt Lake City
LAND OFFICE Utah 0579
LEASE NO. Natural Buttes
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 19 70,

Agent's address 6200 Plateau Drive Company Gilman A. Hill, Lease Operator
Englewood, Colorado 80110

Phone 303/771-1101 Signed Gilman A. Hill Agent's title Lease Operator

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE	9 S	20 E	Unit #2	0	0	-	0	-0-	1,000	Testing Green River zones at 3247' - 3259' and 3567' - 3589'

NOTE.—There were no runs or sales of oil; none M cu. ft. of gas sold;
no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0577 Utah
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 19 79,

Agent's address 6200 Plateau Drive Company Gilman A. Hill Lease Operator
Englewood, Colorado 80110 Signed Gilman A. Hill
Phone 303-771-1101 *Agent's title* Lease Operator

Sec. and ¼ or ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NW NW	9S	20E	Unit 0 32	0	0	-	0	-0-	1,800	Testing Green River zones at 3247' - 3250' and 3567' - 3589'

NOTE.—There were No runs or sales of oil; None M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

AND OFFICE Salt Lake City, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1970

Agent's address 6200 Plateau Drive
Englewood, Colo. 80110

Company Gilman A. Hill, Lease Operator

Signed [signature] Lease Operator

Phone 303-771-1101

Agent's title

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE	9S	20E	Unit #2	0	0	-	0	-0-	1,000	Testing Green River Zones at 3247' - 3259' and 3567' - 3589'

NOTE.—There were no runs or sales of oil; none M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake Cty, Utah
LEASE NUMBER Utah 0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 79,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill, Lease Operator

Englewood, Colo. 80110 *Signed* Gilman A. Hill

Phone 303-771-1101 *Agent's title* Lease Operator

Sec. and ¼ or ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE	9S	20E	Unit #2	0	0	-	0	-0-	1,000	Testing Green River zones at 3247' - 3259' and 3567' - 3589'

NOTE.—There were No runs or sales of oil; None M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1970,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill, Lease Operator

Signed Gilman A. Hill

Phone 303/ 771-1101

Agent's title Lease Operator

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE	9S	20E	Unit #2	0	0	--	0	0	1,000	Testing Green River Zones at 3247'-3259' and 3567'-3589'

510W

NOTE.—There were no runs or sales of oil; None M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1970,

Agent's address 6200 Plateau Drive Company Gilman A. Hill, Lease Operator
Englewood, Colorado 80110 Signed Gilman A. Hill

Phone 303/771-1101 Agent's title Lease Operator

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE	9S	20E	Unit #2	0	0	--	0	0	1,000	Testing Green River Zones at 3247'-3259' and 3567'-3589'

FILE

NOTE.—There were no runs or sales of oil; None M cu. ft. of gas sold;
no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Extra Copy

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, *19*70,

Agent's address 6200 Plateau Drive, Englewood, Colorado 80110 *Company* Gilman A. Hill, Lease Operator

Signed [signature]

Phone 303/771-1101 *Agent's title* Land Dept

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE	9S	20E	Unit #2	0	0	---	0	0	1,000	Testing Green River Zones at 3247' - 3259' and 3567' - 3589'

RECEIVED
BR. OF OIL & GAS OPERATIONS
NOV 2 1970
U. S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

NOTE.—There were No runs or sales of oil; None M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

892-556 U.S. GOVERNMENT PRINTING OFFICE: 1964—O-729-784

PD

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, *1970*,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill, Lease Operator

Englewood, Colorado 80110 *Signed* Gilman A. Hill

Phone 303/771-1101 *Agent's title* Lease Operator

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20E	Unit #2	0	0	--	0	0	200	Testing Green River Zones at 3247'-3259' and 3567'-3589'

NOTE.—There were NO runs or sales of oil; NONE M cu. ft. of gas sold; NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1970,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill, Lease Operator

Signed Gilman A. Hill

Phone 303/771-1101

Agent's title Lease Operator

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE 9 Sec. 24	S	20 E	Unit #2	0	0	--	0	0	0	Shut-in Zones at 3247'-3259' & 3567'-3589'

NOTE.—There were NO runs or sales of oil; NONE M cu. ft. of gas sold; NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1971,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110
Phone 303/771-1101

Company Gilman A. Hill, Lease Operator
Signed Gilman A. Hill
Agent's title Lease Operator

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20E	Unit #2	0	0	--	0	0	0	Shut-in Zones at 3247'-3259' & 3567'-3589'

NOTE.—There were NO runs or sales of oil; NONE M cu. ft. of gas sold; NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1971,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill, Lease Operator

Englewood, Colorado 80110 *Signed* Gilman A. Hill

Phone 303/771-1101 *Agent's title* Lease Operator

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20E	Unit #2	0	0	--	0	0	0	Shut-in Zones at 3247'-3259' & 3567'-3589'

NOTE.—There were NO runs or sales of oil; NONE M cu. ft. of gas sold;
NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, *19* 71,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110
Phone 303/771-1101

Company Gilman A. Hill, Lease Operator
Signed Gilman A. Hill
Agent's title Lease Operator

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9S	20E	Unit #2	0	0	--	0	0	0	Shut-in Zones at 3247'-3259' & 3567'-3589'

NOTE.—There were NO runs or sales of oil; NONE M cu. ft. of gas sold; NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

PI

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, *19* 71

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill, Lease Operator

Signed Gilman A. Hill

Agent's title Lease Operator

Phone 303/771-1101

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE NE Sec. 24	9 S	20E	Unit #2	0	0	--	0	0	0	Shut-in Zones at 3247'-3259' & 3567'-3589'

NOTE.—There were NO runs or sales of oil; NONE M cu. ft. of gas sold; NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter-Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 73,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill

Signed [signature]

Phone

Agent's title Well Working Int. Owner

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; ____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25765-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter-Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1973,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill

Signed Gilman A. Hill

Phone

Agent's title Well Working Int. Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-062

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter-Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, *19* 73,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill

Signed Gilman A. Hill

Phone

Agent's title Well Working Int. Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter-Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, *19* 75,

Agent's address 6200 Plateau Drive, Englewood, Colorado 80110 *Company* Gilman A. Hill

Signed Gilman A. Hill

Phone (303) 771-1101 *Agent's title* Well Working Int. Owner

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE1/4 Sec.24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25786-9 U. S. GOVERNMENT PRINTING OFFICE
GPO 837-082

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of: August 19 75 Report of: Gilman A. Hill (Name of Individual or Company)

Name of Lease or Unit: Natural Buttes Unit: Lease U-0579 Address: 6200 Plateau Drive, Englewood, Colorado 80110

Field or Pool: Bitter Creek County: Uintah Phone No: (303) 771-1101

Natural Buttes Unit #2 Well
NE 1/4, NE 1/4 of Sec. 24, T. 9S, R 20E SLM

(1)	(2)	(3)	(4)	(5)			(6)	(7)	(8)	(9)
Product	Sales In Barrels or MCF	Market Value per barrel or MCF	Gross Market Value	Royalties Due or Paid			Amount used in producing, Repressuring or Recycling operations ($)	Total Amount Assessable (Col. 4 less Col. 5 & 6)	Levy 1 1/2 Mills on $ Value	Amount Due DOGC
				U.S.Gov't	State	Indian				
GAS	None								X$.0015	$ None
CRUDE OIL	None	Well temporarily shut in							X$.0015	$ None
Other Hydro carbons	None								X$.0015	$ None

TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....$

*Other Hydrocarbons Produced at Well in Liquid Form

By Gilman A. Hill

Gilman A. Hill, Well Working Interest Owner
(Title)

September 24, 1975
(Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1975,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill

Signed Gilman Hill

Phone (303) 771-1101

Agent's title Well Working Int. Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 19 75,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill

Englewood, Colorado 80110 *Signed* Gilman A. Hill

Phone (303)771-1101 *Agent's title* Well Working Int. Owner

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

892-556 U.S. GOVERNMENT PRINTING OFFICE: 1964—O-729-784

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 75,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill

Signed Gilman A. Hill

Phone (303) 771-1101

Agent's title Well Working Int. Owner

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE
GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, *19* 76,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill
Englewood, Colorado 80110 *Signed* Gilman A. Hill
Phone (303) 771-1101 *Agent's title* Well Working Int. Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

K

RECEIVED
MAR 8 1976
DIVISION OF OIL, GAS, & MINING

Form approved.
Budget Bureau No. 42-R356.5.

PI

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

9

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 19 76,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill

Signed Gilman A. Hill

Phone (303) 771-1101

Agent's title Well Working Int. Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde zones. Well temporarily recompleted to test a Green River zone which is not productive)

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 19 76,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill

Signed Gilman A. Hill

Agent's title Well Working Int. Owner

Phone (303) 771-1101

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde zones. Well temporarily recompleted to test a Green River zone which is not productive)

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

Form 9-329
(January 1950)

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 19 76,

Agent's address 6200 Plateau Drive, Englewood, Colorado 80110 *Company* Gilman A. Hill

Phone (303) 771-1101 *Signed* Gilman A. Hill *Agent's title* Well Working Int. Owner

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde zones. Well temporarily recompleted to test a Green River zone which is not productive).

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1976,

Agent's address 6200 Plateau Drive
Englewood, Colorado

Company Gilman A. Hill

Signed Gilman A. Hill

Phone (303) 771-1101

Agent's title Well Working Int. Owner

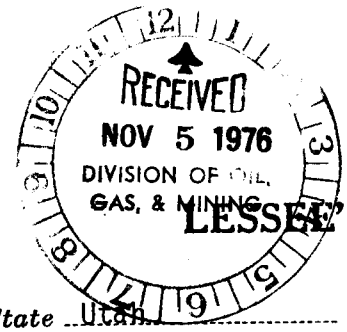
Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde zones. Well temporarily recompleted to test a Green River zone which is not productive).

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

892-556 U.S. GOVERNMENT PRINTING OFFICE: 1964—O-729-784



Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 76,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill
Englewood, Colorado 80110 *Signed* Gilman A. Hill

Phone (303) 771-1101 *Agent's title* Well Working Int. Owner

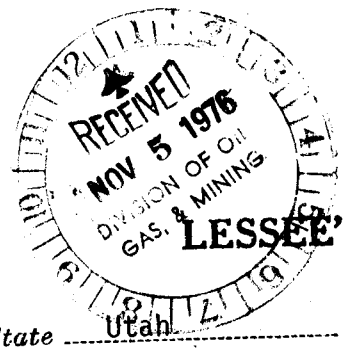
Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde zones. Well temporarily recompleted to test a Green River zone which is not productive).

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;
no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

892-556 U.S. GOVERNMENT PRINTING OFFICE: 1964—O-729-784



Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 19 76,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill

Signed Gilman A. Hill

Agent's title Well Working Int. Owner

Phone (303) 771-1101

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde zones. Well temporarily recompleted to test a Green River zone which is not productive).

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;
no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 19 76,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill

Englewood, Colorado 80110 *Signed* Gilman A. Hill

Phone (303) 771-1101 *Agent's title* Well Working Int. Owner

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde zones. Well temporarily recompleted to test a Green River zone which is not productive).

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1976,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill

Englewood, Colorado 80110 *Signed* Gilman A. Hill

Phone (303) 771-1101 *Agent's title* Well Working Int. Owner

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde zones. Well temporarily recompleted to test a Green River zone which is not productive).

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 19 77,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill

Englewood, Colorado *Signed* [signature]

Phone (303) 771-1101 *Agent's title* Well Working Int. Owner

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde zones. Well temporarily recompleted to test a Green River zone which is not productive).

RECEIVED
FEB 16 1977
DIVISION OF OIL, GAS & MINING

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 19 77,

Agent's address 6200 Plateau Drive
Englewood, Colorado

Company Gilman A. Hill

Signed Gilman A. Hill

Phone (303) 771-1101

Agent's title Well Working Int. Owner

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde zones. Well temporarily recompleted to test a Green River zone which is not productive).

RECEIVED
MAR 11 1977
DIVISION OF OIL, GAS & MINING

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 19 77,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill

Englewood, Colorado 80110 *Signed* Gilman A. Hill

Phone (303) 771-1101 *Agent's title* Well Working Int. Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde Zones. Well temporarily recompleted to test a Green River zone which is not productive).

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1977,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill

Signed Gilman A. Hill

Phone (303) 771-1101

Agent's title Well Working Int. Owner

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustai gas production from Wasatch/Mesaverde Zones. Well temporarily recompleted to test a Green River zone which is not productive).

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, *19* 77,

Agent's address 6200 Plateau Drive *Company* Gilman A. Hill

Englewood, Colorado 80110 *Signed* Gilman A. Hill

Phone (303) 771-1101 *Agent's title* Well Working Int. Owner

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NE 1/4 NE 1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde Zones. Well temporarily recompleted to test a Green River Zone which is not productive.)

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1977,

Agent's address 6200 Plateau Drive
Englewood, Colorado 80110

Company Gilman A. Hill

Signed Gilman A. Hill

Phone (303) 771-1101

Agent's title Well Working Int. Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE1/4 NE1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Templorarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde Zones. Well temporarily recompleted to test a Green River Zone which is not productive.)

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0579
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 77,

Agent's address 6200 Plateau Drive, Englewood, Colorado 80110 *Company* Gilman A. Hill

Signed Gilman A. Hill

Phone (303) 771-1101 *Agent's title* Well Working Int. Owner

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE1/4 NE1/4 Sec. 24	9S	20E	2	0	0	-	0	0	0	Temporarily shut in. (Well loads up with water and unable to sustain gas production from Wasatch/Mesaverde Zones. Well temporarily recompleted to test a Green River Zone which is not productive.)

RECEIVED
OCT 31 1977
DIVISION OF OIL & MINING

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25706-9 U. S. GOVERNMENT PRINTING OFFICE

GPO 837-082

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: U-0579

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER: Dry Hole

7. UNIT AGREEMENT NAME: NATURAL BUTTES

2. NAME OF OPERATOR: Gilman A. Hill

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: 6200 Plateau Dr. Englewood, CO 80111

9. WELL NO.: 2 (#6)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 660' FEL (C NE NE) Section 24-9S-20E SLM

10. FIELD AND POOL, OR WILDCAT: Ouray

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 24-9S-20E

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
	4758 GR	Uintah	Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)	☐			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Release packer and T.O.H. with 114 jts of 2 7/8" tbg and lay down packer. Test bridge plug to 100 psi. Held OK. Set 2 7/8" tubing open ended at 3590'. Spot 50 sacks cement. WOC 2½ hours. Tag cemment at 3324';; bottom 3590'. Set 2 7/8" tubing 3253' . Spot 50 sacks of cement. WOC 2½ hours. Could not get back in to tag cement. Top of plug at 2986'; Bottom 3253'. Spot tubing at 697'. Pump 50 sacks cement. Top of plug at 57'; bottom at 697'. Pump 50 sacks cement down 10 3/4" casing. Cut off csg. and set dry hole marker. Restoration work completed by Galley Construction on 8/19/85.

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/17/85
BY: John R. Baza

18. I hereby certify that the foregoing is true and correct

SIGNED Gilman A. Hill TITLE Lease Operator DATE Sept 3, 1985

Gilman A. Hill

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **1/6/2006**

FROM: (Old Operator):	**TO:** (New Operator):
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-McGee Oil & Gas Onshore, LP
1368 South 1200 East	1368 South 1200 East
Vernal, UT 84078	Vernal, UT 84078
Phone: 1-(435) 781-7024	Phone: 1-(435) 781-7024

CA No. **Unit:** **NATURAL BUTTES UNIT**

WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 3/7/2006
4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
4b. If **NO**, the operator was contacted contacted on:
5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on:
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236

a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MUTIPLE WELLS

2. Name of Operator
KERR-McGEE OIL & GAS ONSHORE LP

9. API Well No.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-7024

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other CHANGE OF OPERATOR
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED
MAY 10 2006
DIV. OF OIL, GAS & MINING

BLM BOND = CO1203
BIA BOND = RLB0005239

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
RANDY BAYNE	DRILLING MANAGER
Signature	Date
Randy Bayne	May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MUTIPLE WELLS

2. Name of Operator
WESTPORT OIL & GAS COMPANY L.P.

9. API Well No.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-7024

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other CHANGE OF OPERATOR
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
BRAD LANEY	ENGINEERING SPECIALIST
Signature	Date
	May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Brad Laney		5-9-06
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:
CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

> Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:
List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357
Rider #2 to Bond WY1865
Rider #3 to Bond WY1127

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure
Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman